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LIST

OF THE

SPECIMENS

OF

DIPTEROUS INSECTS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART III.

PRINTED BY ORDER OF THE TRUSTEES.

LONDON, 1849.

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Insects
(595.708
B862)

INTRODUCTION.

The principal object of the present Catalogue has been to give a complete list of the specimens of Dipterous Insects contained in the collection of the British Museum, indicating at the same time the peculiarities of each, as regards variations of character, locality, and the source from whence it has been derived. With this view, the different individuals of each species contained in the collection are indicated by the letters *a*, *b*, *c*, &c., following the name of the species and its synonymes, and the description, if it appeared to have been before undescribed.

This part of the Catalogue of Dipterous Insects has been prepared and the new species described, by Mr. Francis Walker, so well known for his attention to this order of Insects.

The remaining part, containing the other families, is in hand, and will follow as soon as it can be completed.

JOHN EDWARD GRAY.

British Museum,
June 6th, 1849.

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LIST OF DIPTERA.

PART III.

Sub-order I.—PROBOSCIDEÆ.

Fam. IX. HYBOTINÆ.

HYBOS, *Fabricius.*

HYBOS funebris, *Fabr. Syst. Antl.* 145, 1. *Latr. Gen. Crust.* iv. 305. *Fall. Dipt. Suec. Empid.* 5, 1. *Meig. Dipt.* ii. 347, 1. *Curt. Brit. Ent.* 661, 1. *Macq. Hist. Nat. Dipt.* i. 318, 1. *Zett. Ins. Lapp.* 535, 1. Asilus culiciformis, *Fabr. Sp. Ins.* ii. 466, 33. *Ent. Syst.* iv. 389, 61. *Gmel. Ed. Syst. Nat.* v. 2900, 41. *Schrank. Faun. Boic.* iii. 2558. *Stew. El.* ii. 273. *Turt.* iii. 680. *Meig. Klass. Zweif.* i. 270. Empis clavipes, *Fabr. Ent. Syst.* iv. 403, 4. *Syst. Antl.* 38, 4. Dasypogon culiciformis, *Fabr. Syst. Antl.* 172, 40.

a. England.
b. England. Presented by F. Walker, Esq.
c. France.
d. ——— ? From Mr. Children's collection.

HYBOS vitripennis, *Meig. Dipt.* ii. 348, 2. *Curt. Brit. Ent.* 661, 2. *Macq. Hist. Nat. Dipt.* i. 319, 2. *Zett. Ins. Lapp.* 535, 2.

a. England.
b. England. Presented by F. Walker, Esq.

HYBOS flavipes, *Fabr. Syst. Antl.* 145, 2. *Fall. Dipt. Suec. Empid.* 5, 2. *Meig. Dipt.* ii. 348, 3, *pl.* 21, *f.* 20. *Curt. Brit. Ent.* 661, 3. *Macq. Hist. Nat. Dipt.* i. 319, 3. *Zett. Ins. Lapp.* 535, 3.

a. England. Presented by F. Walker, Esq.

Hybos fumipennis, *Hoffmansegg*, *Meig. Dipt.* ii. 349, 4. *Ahrens. Faun.* 12, 25. *Curt. Brit. Ent.* 661. 4.
a. England.
b. England. Presented by F. Walker, Esq.

Hybos pilipes, *Meig. Dipt.* ii. 349, 5. *Curt. Brit. Ent.* 661, 5.
a. England. Presented by F. Walker, Esq.

Hybos purpureus, n. s., fem. *Niger, abdomine purpureo, antennis nigris, pedibus flavis fulvo piceo nigroque variis, alis fuscis apice limpidis.*

Body black, shining; front dark tawny: eyes dark bronze: feelers black: abdomen purple, tinged with bronze and blue: legs yellow; hips, tips of feet and hind shanks piceous, middle shanks and four front thighs tawny; hind hips and hind thighs black: wings very dark brown for more than half the length from the base, colourless thence to the tips; wing-ribs and poisers piceous; veins black. Length of the body 2 lines; of the wings 4 lines.

a. Georgia. From Mr. Abbot's collection.

Hybos duplex, n. s., mas. *Niger, antennis pedibusque nigris, genubus fulvis, pedibus flavis apice piceis, alis fuscis, apicibus marginibusque posticis subfuscis.*

Body black, shining: eyes dark bronze: feelers black: abdomen clothed with long hoary hairs: legs black: knees tawny; feet yellow, piceous towards the tips: wings brown, pale brown towards the tips and along the hind borders; wing-ribs and poisers piceous; veins black. Length of the body $1\frac{3}{4}$ line; of the wings $3\frac{1}{2}$ lines.

a. New York. Presented by E. Doubleday, Esq.

Hybos triplex, n. s., mas. *Niger, antennis nigris, pedibus piceis, femoribus tibiisque posticis et coxis nigris, pedibus flavis apice piceis, alis nigro-fuscis apice sublimpidis.*

Body black, shining: eyes dark bronze: feelers black: abdomen clothed with long hoary hairs: legs piceous; hips, hind thighs and hind shanks black; feet yellow, with piceous tips: wings dark brown for more than half the length from the base, nearly colourless from thence to the tips; wing-ribs and poisers piceous; veins black. Length of the body $1\frac{1}{2}$ line; of the wings 3 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

HYBOS reversus, n. s. *Niger, antennis nigris, pedibus flavis, tibiis posticis coxis et femoribus nigris, femoribus anterioribus apice flavis, tibiis anterioribus basi fulvis, tarsis anterioribus apice tarsisque posticis fulvis, alis subfuscis vittis obscurioribus basi limpidis.*

Body black, shining: eyes dark bronze: feelers black: abdomen clothed with long hoary hairs: legs yellow; hips, thighs, and hind shanks black; tips of four front thighs yellow; four front shanks tawny towards the base; hind feet and tips of four front feet tawny: wings pale brown, darker along the borders of the veins, colourless at the base; wing-ribs and poisers yellow; veins piceous, yellow towards the base. Length of the body 2 lines; of the wings 4 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

HYBOS subjectus, n. s. *Niger, antennis pedibusque nigris, genubus fulvis, tarsis anticis flavis apice piceis, tarsis posterioribus piceis basi flavis, alis nigro-fuscis apice subcinereis.*

Body black, shining: eyes dark red: feelers black; legs black; knees tawny; fore feet yellow, piceous towards the tips; four hind feet piceous, yellow at the base: wings dark brown for a little more than half the length from the base, tinged with gray from thence to the tips; wing-ribs and veins black; poisers piceous. Length of the body 1½ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

OCYDROMIA, *Hoffmansegg.*

OCYDROMIA glabricula, *Fall. Dipt. Suec. Empid.* 33, 42. *Meig. Dipt.* ii. 352, 1, *pl.* 21, *f.* 23. *Macq. Hist. Nat. Dipt.* i. 320, 1. *Zett. Ins. Lapp.* 536, 1.
a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.

OCYDROMIA rufipes, *Meig. Dipt.* ii. 353, 2, *pl.* 21, *f.* 24. *Zett. Ins. Lapp.* 536, 2.
a. England. Presented by F. Walker, Esq.
b. France.

OCYDROMIA scutellata, *Meig. Dipt.* ii. 354, 5. *Macq. Hist. Nat. Dipt.* i. 320, 3. *Zett. Ins. Lapp.* 537, 4.
a. England. Presented by F. Walker, Esq.

Ocydromia flavipes, *Megerle. Meig. Dipt.* ii. 353, 4. *Zett. Ins. Lapp.* 537, 5.
a. Alten, Finmark. Presented by F. Walker, Esq.

Ocydromia nigripennis, *Meig. Dipt.* vi. 334, 7. *Macq. Hist. Nat. Dipt.* i. 320, 4. Empis nigripennis, *Fabr. Ent. Syst.* iv. 407. 20. Tachydromia nigripennis, *Fabr. Syst. Antl.* 144, 7.
a. England. Presented by F. Walker, Esq.

Ocydromia peregrinata, n. s. *Nigra, antennis nigris, pedibus fulvis, femoribus basi flavis, alis limpidis.*

Body black, shining: eyes and feelers black: legs tawny; thighs yellow towards the base: wings colourless: wing-ribs and poisers tawny; veins piceous. Length of the body 1¼ line; of the wings 3 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

Œdalea, *Meigen.*

Œdalea minuta, *Meig. Dipt.* ii. 356, 2. *Zett. Ins. Lapp.* 538, 2. Empis minuta, *Fall. Empid.* 32, 40.
a. England. Presented by F. Walker, Esq.

Microphorus, *Macquart.*

Microphorus flavipes, *Macq. Hist. Nat. Dipt.* i. 346, 5. Trichina flavipes, *Meig. Dipt.* vi. 336, 1, *pl.* 65, *f.* 10, 11.
a. England. Presented by F. Walker, Esq.
b. Hammerfest, Finmark. Presented by F. Walker, Esq.

Microphorus clavipes, *Macq. Hist. Nat. Dipt.* i. 346, 4. Trichina clavipes, *Meig. Dipt.* vi. 336, 2. *Hal. Ent. Mag.* i. 158.
a. England.

Microphorus elongatus. Trichina elongata, *Haliday, Ent. Mag.* i. 156.
a. England. Presented by F. Walker, Esq.

Microphorus crassipes, *Macq. Dipt. Nord.* 140, 1. *Hist. Nat. Dipt.* i. 346, 1. Platypeza anomala, *Meig. Dipt.* iv. 9. Trichina crassipes, *Meig. Dipt.* vii. 78, 3.
a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.
c. Hammersfest, Finmark. Presented by F. Walker, Esq.

MICROPHORUS drapetoides, *Barnston, MSS.*, mas. *Nigra, antennis nigris, pedibus piceis, alis fuscis ad costam subfulvis.*

Body black, hairy: eyes piceous: feelers and lip black, the latter short: legs piceous, clothed with short black hairs: wings dark brown, slightly tawny along part of the fore borders from the base; wing-ribs and veins piceous. Length of the body $1\frac{1}{4}$ line; of the wings $2\frac{1}{2}$ lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

CYRTOMA, *Meigen.*

CYRTOMA spuria, *Zett. Ins. Lapp.* 533, 1. C. atra, *Meig. Dipt.* iv. 2, 1. *Macq. Hist. Nat. Dipt.* i. 360, 2. Empis spuria, *Fall. Empid.* 33, 43.
a. England. Presented by F. Walker, Esq.

CYRTOMA nigra, *Meig. Dipt.* iv. 3, 2. *Macq. Hist. Nat. Dipt.* i. 360, 1.
a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Prosented by F. Walker, Esq.

CYRTOMA melœna, *Haliday, Ent. Mag.* i. 158.
a. England. Presented by F. Walker, Esq.

OPETIA, *Meigen.*

OPETIA nigra, *Meig. Dipt.* vi. 357, 1, *pl.* 66, *f.* 17, 20. *Macq. Hist. Nat. Dipt.* ii. 21, 1. *Curt. Brit. Ent.* 489, 1.
a. England. Presented by F. Walker, Esq.

SPANIA, *Meigen.*

SPANIA Edeta, n. s., mas. *Atra, antennis nigris, pedibus piceis, alis sublimpidis ad costam obscurioribus.*

Body deep velvet-like black, hairy: eyes piceous: feelers and lip black; first and second joints of the feelers very short; third joint conical, broader and much longer than the first and the second; spine as long as the third joint: legs piceous, clothed with short black hairs: wings nearly colourless, somewhat darker beneath the fore borders; wing-ribs, veins, and poisers piceous. Length of the body 2 lines; of the wings 4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Fam. X. Empidæ.

Hilara, *Meigen.*

Hilara cilipes, *Meig. Dipt.* iii. 3, 1, *pl.* 22, *f.* 3. *Curt. Brit. Ent.* 130. *Macq. Hist. Nat. Dipt.* i. 340, 1. Empis clavipes, *Harr. Ex.* 150, *pl.* 44, *f.* 3.
a. England.
b. England. Presented by F. Walker, Esq.

Hilara maura, *Zett. Ins. Lapp.* 555, 3. H. globulipes, *Meig. Dipt.* iii. 3, 2. *Macq. Hist. Nat. Dipt.* i. 340, 2. Empis maura, *Fabr. Sp. Ins.* ii. 471. *Ent. Syst.* iv. 404, 7. *Syst. Antl.* 139, 9. *Fall. Empidæ*, 23, 16. *Meig. Klass. Zweif.* i. 222, 8, *pl.* 2, *f.* 28. *Schell. Gen. Mouch. pl.* 30, *f.* 3. Bibio senilis, *Panz. Faun. Germ.* 54, 3.
a. England.
b. England. Presented by F. Walker, Esq.
c. France.
d. Alten, Finmark. Presented by F. Walker, Esq.

Hilara chorica, *Meig. Dipt.* iii. 4, 3. *Macq. Hist. Nat. Dipt.* i. 340, 3. *Zett. Ins. Lapp.* 556, 8. Empis chorica, *Fall. Empid.* 24, 18.
a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.

Hilara nigrina, *Meig. Dipt.* iii. 4, 5. *Macq. Hist. Nat. Dipt.* i. 341, 6. Empis nigrina, *Fall. Empid.* 24, 19.
a. England.
b. England. Presented by F. Walker, Esq.
c. Alten, Finmark. Presented by F. Walker, Esq.

Hilara interstincta, *Meig. Dipt.* iii. 6, 8. *Zett. Ins. Lapp.* 555, 4. Empis interstincta, *Fall. Empid.* 24, 17.
a. England. Presented by F. Walker, Esq.

Hilara pruinosa, *Megerle*, *Meig. Dipt.* iii. 7, 10.
a. England. Presented by F. Walker, Esq.

Hilara litorea, *Meig. Dipt.* iii. 8, 13. *Macq. Hist. Nat. Dipt.* i. 343, 15. Empis litorea, *Fall. Empid.* 24, 20.
a. England. Presented by F. Walker, Esq.

HILARA fuscipes, *Meig. Dipt.* iii. 6, 9. *Macq. Hist. Nat. Dipt.* i. 342, 11. *Zett. Ins. Lapp.* 555, 2. Empis fuscipes, *Fabr. Ent. Syst.* iv. 406, 14. *Meig. Klass. Zweif.* i. 227, 21. Empis plumbea, *Fabr. Ent. Syst.* iv. 406, 17. *Meig. Klass. Zweif.* i. 233, *g.* Tachydromia fuscipes, *Fabr. Syst. Antl.* 144, 5. T. plumbea, *Fabr. Syst. Antl.* 144, 6. Empis albida, *Meig. Klass. Zweif.* i. 233, *e.* E. intermedia, *Fall. Empid.* 23, 15.
a. England.

HILARA thoracica, *Macq. Dipt. Nord.* 115, 14. *Hist. Nat. Dipt.* i. 343, 18. *Meig. Dipt.* vii. 81, 26.
a. England. Presented by F. Walker, Esq.

HILARA nana, *Macq. Dipt. Nord.* iii. 4. *Hist. Nat. Dipt.* i. 341, 4. *Meig. Dipt.* vii. 80, 23.
a. England. Presented by F. Walker, Esq.

HILARA transfuga, n. s., fem. *Nigra, antennis nigris, pedibus piceis, alis nigro-fuscis, stigmatibus nigris.*

Body black, clothed with short black hairs: eyes, mouth, and feelers black: legs piceous, clothed with black hairs; wings dark brown; wing-ribs and veins black; brands black; poisers piceous. Length of the body 1½—2 lines; of the wings 3—4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

HILARA migrata, n. s., mas. *Nigra, antennis nigris, pedibus fulvis, alis cinereis, stigmate fusco.*

Body black, hairy: eyes piceous: feelers and lip black, the latter short: legs dark tawny, clothed with short black hairs: wings gray; wing-ribs, veins, and poisers piceous; wing-brands brown. Length of the body 1 line; of the wings 2 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

HILARA Bares, n. s. mas. *Fusca, antennis nigris pectore cano, pedibus fulvis, tarsis fuscis, alis subfuscis ad costam fuscis.*

Body brown, clothed with short black hairs; eyes dark red: feelers and mouth black: breast hoary: legs tawny, clothed with short black hairs; feet brown: wings light brown, darker for one-third of the length along the fore border; wing-ribs and veins piceous; poisers brown. Length of the body 1¼ line; of the wings 3 lines.

a. East India. Presented by Captain Parry.

GLOMA, *Meigen.*

GLOMA Phthia, n. s., mas. *Nigra, antennis nigris, pedibus flavis, femoribus fulvis, pedibus posticis longis validis, alis nigro-cinereis.*

Body black, hairy: eyes dark red: feelers black: lip tawny, a little longer than the head: legs yellow; thighs tawny; hind legs long and stout, their thighs and shanks piceous: wings dark gray; wing-ribs piceous; veins black; poisers dark tawny, with piceous knobs. Length of the body 2 lines; of the wings 4 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

Note.—The wings of this species have two cross-veins, which do not appear in the wings of *G. fuscipennis*, and the fork of the vein at the tip is wanting.

EMPIS, *Linn.*

Group I.

EMPIS tessellata, *Fabr. Ent. Syst.* iv. 405, 10. *Syst. Antl.* 140, 13. *Latr. Gen. Crust.* iv. 303. *Wied. Zool. Mag.* i. 2, 25. *Fall. Empid.* 17, 2. *Lam. Anim. sans Vert.* iii. 402, 3. *Meig. Dipt.* iii. 17, 1. vi. 337. *Curt. Brit. Ent.* 18, 1, *2nd edit. Macq. Hist. Nat. Dipt.* i. 327, 2. Empis livida, *Fabr. Ent. Syst.* iv. 405, 10. *Sp. Ins.* ii. 471, 5. *Syst. Antl.* 139, 10. *Turt.* iii. 666.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

EMPIS opaca, *Fabr. Syst. Antl.* 138, 7. *Meig. Dipt.* iii. 17, 2. *Macq. Hist. Nat. Dipt.* i. 328, 5. E. rufipes, *Fabr. Syst. Antl.* 138, 5.

a. England.
b. ——— ? From Mr. Children's collection.

EMPIS livida, *Linn. Syst. Nat. Ed.* xii. 2, 1003, 3. *Faun. Suec.* 1897. *Deg. Ins.* vi. 101, 1, *pl.* 14, *f.* 14. *Schell. Gen. Mouch. pl.* 31, *f.* 1. *Herbst. Gem. Nat.* viii. 118, *pl.* 344, *f.* 2. *Geoff. Ins.* ii. 474, 17. *Schrank. Faun. Boic.* iii. 2573. *Harr. Ex.* 149, *pl.* 44, *f.* 1. *Stew. El.* ii. 270. *Latr. Gen. Crust.* iv. 303. *Fall. Empid.* 18, 4. *Lam. Anim. sans Verteb.* iii. 401, 2. *Meig. Dipt.* iii. 35, 36. *Curt. Brit. Ent.* 18, 5, *2nd edit.*

Journ. Roy. Agric. Soc. vi. 2. *Macq. Hist. Nat. Dipt.* i. 329, 7. *Zett. Ins. Lapp.* 560, 2. E. lineata, *Fabr. Syst. Antl.* 141. E. fugeo (fem.), *Harr. Ex.* 150, *pl.* 44, *f.* 2.

a. England.

b. ——— ? From Mr. Children's collection.

Empis Eudamides, n. s., mas. *Fulva, capite thoracisque vittis quatuor cinereis, abdomine nigro apice fulvo, antennis fulvis apice nigris, pedibus fulvis, genubus nigris, femoribus anterioribus nigro vittatis, alis sublimpidis basi fulvis.*

Head gray, narrower than the chest, clothed with short black hairs: eyes red: mouth tawny, with a black tip, as long as the chest: feelers tawny, black towards their tips, longer than the head: chest paler on each side, beset with short black hairs, adorned on the back with four gray stripes: abdomen black, shining, clothed with black hairs, its tip tawny: legs tawny, clothed with short black hairs; hips and trochanters gray; knees black; tips of feet piceous; a short black stripe on each of the four front thighs: wings nearly colourless, tawny towards the base. Length of the body 3 lines; of the wings 7 lines.

a. North America. Presented by the Entomological Club.

Empis Amytis, n. s., mas. *Fulva, capite thoracis disco abdomineque nigris, abdominis lateribus fulvis, antennis nigris, pedibus fulvis, tarsis apice genubusque nigris, alis limpidis.*

Head black, much narrower than the chest: eyes dark red: mouth tawny, with a black tip, much shorter than the chest: eyes dark red: feelers black: chest and breast tawny; disk of the former black: abdomen black, dull, tawny along each side: legs tawny, clothed with short black hairs; knees and tips of feet black: wings colourless; wing-ribs and poisers tawny; veins piceous, tawny towards the base. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. New York. Presented by the Entomological Club.

Empis Ollius, n. s., fem. *Fulva, capite cinereo, thoracis vittis quatuor fuscis, abdomine antennisque nigris, pedibus fulvis, tarsis apice piceis, alis subfulvis.*

Nearly allied to *E. Abcirus:* head gray, thinly clothed beneath with black hairs: hypostoma black, shining: lip dark tawny, piceous at the tip, shorter than the body: eyes bright red: feelers black: chest and breast dull tawny: chest adorned with four brown stripes, between which are rows of short black bristles; the hinder part of the chest is beset with longer black bristles: abdomen black, shining:

legs tawny, beset with short black hairs and bristles; hips black; feet piceous towards the tips: wings slightly tawny; wing-ribs and poisers bright tawny; veins piceous, tawny towards the base and along the fore borders. Length of the body 2 lines; of the wings 4 lines.

a. Nova Scotia. From Lieut. Redman's collection.

Empis Abcirus, n. s., mas. *Fulvo-cana, thoracis vittis quatuor cinereis, abdomine nigro, antennis fulvis apice nigris, pedibus fulvis, tarsis apice piceis, alis limpidis.*

Head hoary, thinly clothed beneath with black hairs: hypostoma black: lip tawny for more than half its length, black thence to the tip, nearly as long as the body: eyes bright red: feelers black; first and second joints dark tawny: chest and breast hoary, with a tawny tinge: chest adorned with four gray stripes, between which are rows of short black bristles; the hind border of the chest is beset with longer black bristles: abdomen black, shining: legs tawny, beset with short black hairs and bristles; hips black; feet piceous towards the tips; foot-cushions and claws tawny: wings colourless; wing-ribs and poisers bright tawny; veins piceous, tawny towards the base and along the fore borders. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

a. Georgia. From Mr. Abbot's collection.

Gronp II.

Empis pennipes, *Linn. Syst. Nat. Ed.* xii. 103, 2. *Faun. Suec.* 1896. *Gmel. Ed. Syst. Nat.* v. 2889, 2. *Fabr. Sp. Ins.* ii. 471, 2. *Ent. Syst.* iv. 404, 5. *Syst. Antl.* 138, 6. *Sulz. Ins. pl.* 21, *f.* 137. *Panz. Faun. Germ.* 74, 18. *Schell. Gen. Mouch. pl.* 35, 2. *Schæf. Icon. pl.* 192, *f.* 3. *Latr. Gen. Crust.* iv. 303. *Cons. Gén.* 443. *Regn. Anim.* v. 459. *Stew. El.* ii. 269. *Turt.* iii. 665. *Wood, Ill. Linn. Gen. Ins.* ii. 100, *pl.* 68. *Lam. Anim. sans Verteb.* iii. 401, 1. *Meig. Dipt.* iii. 21, 8. *Curt. Brit. Ent.* 18, 27, *2nd edit. Macq. Hist. Nat. Dipt.* i. 331, 16. *Zett. Ins. Lapp.* 561, 6. Empis pennata, *Schrank. Ins. Austr.* 987. *Faun. Boic.* iii. 2571. E. ciliata, *Meig. Klass. Zweif.* i. 220, 3 *Fall. Empid.* 20, 8. E. longirostris, *Meig. Klass. Zweif.* i. 223, 11.

a. England.
b. England. Presented by F. Walker, Esq.

Group III.

EMPIS lepidopus, *Meig. Dipt.* iii. 23, 12. *Curt. Brit. Ent.* 18, 24, *2nd. edit.*
a. England.
b. England. Presented by F. Walker, Esq.

EMPIS holosericea, *Latr. MSS.?* *Cinerea, antennis nigris, alis albidis.*

Body gray, dull, thickly clothed with black hairs: feelers black: eyes dark red: legs gray, clothed with short black hairs and bristles; claws black; foot-cushions tawny: wings whitish; wing ribs and poisers ferruginous; veins brown. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

a. France.

EMPIS pennaria, *Fall. Empid.* 20, 9. *Meig. Dipt.* iii. 23, 13. *Curt. Brit. Ent.* 18, 22, *2nd edit.* *Macq. Dipt. Nord.* 125, 14. *Hist. Nat. Dipt.* i. 331, 19. *Zett. Ins. Lapp.* 562, 7.
a. England. Presented by F. Walker, Esq.

EMPIS vitripennis, *Meig. Dipt.* iii. 24, 15. *Macq. Hist. Nat. Dipt.* i. 332, 25.
a. England.
b. England. Presented by F. Walker, Esq.

EMPIS leucoptera, *Meig. Dipt.* iii. 27, 18.
a. England.
b. England. Presented by F. Walker, Esq.

EMPIS vernalis, *Meig. Dipt.* iii. 27, 19.
a. England. Presented by F. Walker. Esq.

EMPIS chioptera, *Fall. Empid.* 21, 11. *Meig. Dipt.* iii. 27, 20. *Curt. Brit. Ent.* 18, 18, *2nd edit.* *Macq. Dipt. Nord.* 128, 21. *Hist. Nat. Dipt.* i. 330, 14. *Zett. Ins. Lapp.* 561, 4. E. crassipes, *Schrank. Ins. Austr.* 988. *Faun. Boic.* iii. 2576.
a. England.
b. England. Presented by F. Walker, Esq.

EMPIS antarctica, *Walker, Linn. Trans.* xvii. 341, 26.
a. Port Famine. Presented by the Entomological Club.

EMPIS Cormus, n. s., mas. et fem. *Niger*, (mas.) *aut cinereus* (fem.) *antennis nigris*, fem. *thoracis vittis tribus abdominisque fasciis canis, pedibus nigris, genubus fulvis, tibiis tarsisque piceis, alis limpidis.*

Body of the male black, of the female gray: lip, eyes, and feelers black: chest of the female adorned with three indistinct hoary stripes: hind borders of abdominal segments of the female hoary: legs black; knees tawny; shanks and feet piceous: wings colourless, rather broad; wing-ribs and veins piceous, the latter strongly marked; poisers piceous. Length of the body $1\frac{3}{4}$—2 lines; of the wings $3\frac{1}{2}$—4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

EMPIS Agasthus, n. s., fem. *Nigra, antennis nigris, pedibus fulvis, femoribus tibiis tarsisque apice piceis, alis limpidis.*

Body, eyes and feelers black: legs tawny, rather hairy; thighs, shanks, and feet piceous towards the tips: wings colourless; wing-ribs and veins pale tawny; poisers yellow. Length of the body $1\frac{1}{2}$ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Group IV.

EMPIS luctuosa, *Kirby, North Amer. Zool. Ins.* 311, 1.
a. Nova Scotia. From Lieut. Redman's collection.

Group V.

EMPIS Bistortæ, *Meig. Dipt.* iii. 29, 22. *Curt. Brit. Ent.* 18, 17, *2nd edit. Macq. Hist. Nat. Dipt.* i. 329, 10.
a. England.
b. England. Presented by F. Walker, Esq.
c. Hammerfest, Finmark. Presented by F. Walker, Esq.

EMPIS pilipes, *Meig. Dipt.* iii. 31, 29.
a. England. Presented by F. Walker, Esq.

Group VI.

EMPIS nigritarsis, *Meig. Dipt.* iii. 32, 31. vi. 337. *Curt. Brit. Ent.* 18, 14, *2nd. edit. Macq. Hist. Nat. Dipt.* i. 329, 9,
a. England. Presented by F. Walker, Esq.

Group VII.

Empis borealis, *Linn. Syst. Nat.* ii. 1003. *Faun. Suec.* 1895. *Gmel. Ed. Syst. Nat.* v. 2889, 1. *Fabr. Sp. Ins.* ii. 471, 1. *Ent. Syst.* iv. 403, 1. *Syst. Antl.* 137, 1. *Deg. Ins.* vi. 102, 2, *pl.* 14, *f.* 17. *Herbst, Gem. Nat.* viii. 117, *pl.* 344, *f.* 1, *Schrank. Faun. Boic.* iii. 2570. *Turt.* iii. 665. *Fall. Empid.* 16, 1. *Meig. Dipt.* iii. 36, 37. *Curt. Brit. Ent.* 18, 1, 2*nd edit. Macq. Dipt. Nord.* 122, 9. *Hist. Nat. Dipt.* i. 328, 6. *Zett. Ins. Lapp.* 560, 1. Platypterygia borealis, *Steph. Cat. Brit. Ins.* 2, 263. Platyptera borealis, *Meig.*

a. England. Presented by F. Walker, Esq.
b. Hammerfest, Finmark. Presented by F. Walker, Esq.

Group VIII.

Empis stercorea, *Linn. Syst. Nat.* ii. 1004. *Faun. Suec.* 1899. *Gmel. Ed. Syst. Nat.* v. 2890, 5. *Fabr. Sp. Ins.* ii. 472, 8. *Ent. Syst.* iv. 406, 16. *Syst. Antl.* 141, 21. *Stew. El.* ii. 270. *Turt.* iii. 667. *Latr. Gen. Crust.* iv. 303. *Schrank. Ins. Austr.* 986. *Wied. Zool. Mag.* i. 2, 25. *Meig. Dipt.* iii. 37. *Curt. Brit. Ent.* 18, 6, 2*nd edit. Macq. Hist. Nat. Dipt.* i. 330, 12. *Zett. Ins. Lapp.* 561, 5. Empis pertinax, *Harr. Ex.* 120, *pl.* 44, *f.* 5.

a. England.
b. England. Presented by F. Walker, Esq.

Empis testacea, *Fabr. Syst. Antl.* 141, 20. *Latr. Gen. Crust.* iv. 303. *Meig. Dipt.* iii. 37, 39. *Curt. Brit. Ent.* 18, 10, 2*nd edit.*

a. England.
b. England. Presented by F. Walker, Esq.

Empis lutea, *Meig. Dipt.* iii. 37, 40. *Curt. Brit. Ent.* 18, 11, 2*nd edit. Macq. Hist. Nat. Dipt.* i. 330, 13. E. certus, *Harr. Ex.* 150, *pl.* 44, *f.* 6.

a. England.
b. England. Presented by F. Walker, Esq.
c. France.
d. ———? From Mr. Children's collection.

Empis ignota, *Meig. Dipt.* vi. 338. E. punctata, *Fall. Empid.* 19, 6. *Meig. Dipt.* iii. 38, 41. *Curt. Brit. Ent.* 18, 7. 2*nd. edit.*

a. England. Presented by F. Walker, Esq.
b. France.

EMPIS colonica, n. s., mas. *Fulva, abdomine obscuriore, antennis nigris, pedibus fulvis, tarsis apice piceis, alis subfulvis.*

Body bright tawny, shining, smooth, beset with a few short slender black bristles: eyes and feelers black: lip tawny, piceous towards the tip, much more than half the length of the body: abdomen dark tawny, clothed with black hairs: legs pale tawny, thinly clothed with short black hairs and bristles; feet piceous towards the tips: wings with a tawny tinge; wing-ribs tawny; veins brown, tawny towards the base; poisers pale yellow. Length of the body 3 lines; of the wings 7 lines.

a. Nova Scotia. From Lieut. Redman's collection.

Group IX.

EMPIS femorata, *Fabr. Ent. Syst. Supp.* 568. *Syst. Antl.* 140. *Coq. Ill. Icon. pl.* 27, *f.* 8, 14. *Latr. Gen. Crust.* iv. 303. *Meig. Dipt.* iii. 40, 45, *pl.* 22, *f.* 20. *Curt. Brit. Ent.* 18, 29, *2nd edit.* Pachymeria femorata, *Steph.* Pachymerina femorata, *Macq. Hist. Nat. Dipt.* i. 333, 1.

a. England.
b. England. Presented by F. Walker, Esq.
c. ———? From Mr. Children's collection.

RHAMPHOMYIA, *Meigen.*

Group I.

RHAMPHOMYIA marginata, *Meig. Dipt.* iii. 43, 1. *Macq. Hist. Nat. Dipt.* i. 336, 8. Empis marginata, *Fabr. Ent. Syst.* iv. 403, 3. *Syst. Antl.* 138, 3. *Gmel. Ed. Syst. Nat.* v. 2889, 6. *Latr. Gen. Crust.* iv. 304. *Meig. Klass. Zweif.* i. 228, 25, *pl.* 11, *f.* 29. E. platyptera, *Panz. Faun. Germ.* xxiv. 23.

a. South Europe.

Group II.

RHAMPHOMYIA rugicollis, *Meig. Dipt.* iii. 46, 8.

a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.

RHAMPHOMYIA sulcata, *Meig. Dipt.* iii. 46, 9. *Macq. Hist. Nat. Dipt.* i. 335, 3. *Zett. Ins. Lapp.* 565, 12. Empis fixus, *Harr. Ex.* 151, *pl.* 44, *f.* 8. Empis sulcata, *Meig. Klass. Zweif.* i. 229, 26. *Fall. Empid.* 26, 25.
a. England.
b. England. Presented by F. Walker, Esq.
c. France.
d. Hammerfest, Finmark. Presented by F. Walker, Esq.
e. Isle of Soröe, Finmark. Presented by F. Walker, Esq.

RHAMPHOMYIA nigripes, *Meig. Dipt.* iii. 48, 13. *Macq. Hist. Nat. Dipt* i. 336, 9. *Zett. Ins. Lapp.* 562, 1. Empis vicanus, *Harr. Ex.* 151, *pl.* 44, *f.* 9. Empis nigripes, *Fabr. Ent. Syst.* iv. 405, 13. *Syst. Antl.* 141, 17. *Klass. Zweif.* i. 229, 27. E. crassirostris, *Fall. Empid.* 31, 37.
a. England.
b. ——— ? From Mr. Children's collection.

RHAMPHOMYIA lœvipes? *Meig. Dipt.* iii. 49, 14. Empis lœvipes, *Fall. Empid.* 27, 26.
a. France.

RHAMPHOMYIA variabilis, *Meig. Dipt.* iii. 51, 18. *Macq. Hist. Nat. Dipt.* i. 537, 12. *Zett. Ins. Lapp.* 569, 30. Empis variabilis, *Fall. Empid.* 29, 33.
a. England. Presented by F. Walker, Esq.
b. France.

RHAMPHOMYIA Cophas, n. s. *Nigra, antennis pedibusque nigris, tibiis rufis, alis subfuscis, stigmate fusco.*

Body black, clothed with short black hairs: eyes piceous: feelers black; lip black, a little longer than the chest: legs black, clothed with short black hairs and bristles; shanks dark red; wings slightly tinged with brown, a slender brown brand near the tip of the fore-border; wing-ribs piceous; veins black, piceous at the base; poisers tawny. Length of the body 8 lines; of the wings 6 lines.

a. New York. Presented by the Entomological Club.

RHAMPHOMYIA Agasicles, n. s. fem. *Nigra, antennis nigris, pedibus piceis, posticis longis validis, tarsis posticis latis, alis fuscis.*

Body black, shining: eyes piceous: feelers and lip black, the latter longer than the head: legs piceous, thinly covered with black

down; hind legs long and stout; hind feet somewhat widened: wings dark brown; wing-ribs piceous; veins black, piceous towards the base; poisers tawny. Length of the body $1\frac{1}{4}$—$1\frac{1}{2}$ line; of the wings 3—$3\frac{1}{2}$ lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Rhamphomyia Phemius, n. s., mas. et fem. *Cinerea, thoracis vittis tribus nigris, antennis nigris, pedibus piceis, alis* mari. *limpidis* fem. *fuscis.*

Body very dark gray: eyes piceous: feelers and lip black, the latter longer than the head: chest clothed with black hairs, adorned with three black stripes: legs piceous, clothed with short black hairs: wings of the male colourless, of the female dark brown; wing-ribs piceous; veins black, piceous towards the base; poisers ferruginous. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Rhamphomyia Ecetra, n. s. mas. *Nigra, thoracis vittis tribus cinereis, antennis pedibusque nigris, femoribus anticis subtus ferrugineis, alis fuscis.*

Body black, clothed with black hairs and bristles: eyes red; lip black: feelers black; first and second joints beset with very short black hairs; third clothed with long tawny hairs: chest adorned with three dark gray stripes: legs black, thickly fringed with very short black hairs; fore-thighs ferruginous beneath; wings dark brown; wing-ribs and poisers ferruginous; veins piceous, ferruginous towards the base. Length of the body $1\frac{1}{2}$ line; of the wings $3\frac{1}{2}$ lines.

a. Georgia. From Mr. Abbot's collection.

Rhamphomyia Anaxo, n. s., mas. et fem. *Cinerea, abdomine nigro, antennis nigris, pedibus piceis, alis subfulvis.*

Body gray, slightly hairy: feelers black: eyes piceous: lip black, shorter than the chest: abdomen black, shining: legs piceous, slightly covered with black down: wings with a slight tawny tinge, nearly colourless at the tips and along the hind borders; wing-ribs and poisers tawny; veins piceous, tawny towards the base. Length of the body $1\frac{1}{2}$ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

RHAMPHOMYIA flavirostris, *Barnston's MSS.*, mas. et fem. *Fulvo-cana, abdomine subtus fulvo, antennis nigris, pedibus fulvis,* fem. *tibiis apice tarsisque nigris, alis sublimpidis.*

Body hoary, with a dark tawny tinge, beset with black hairs: eyes red: feelers pubescent, black: lip piceous, clothed with short hairs, shorter than the chest: abdomen tawny beneath: legs tawny, thickly clothed with very short, black hairs: legs of the female rather paler than those of the male; feet and tips of the shanks black: wings nearly colourless; wing-ribs, veins and poisers tawny. Length of the body 2 lines; of the wings 4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

RHAMPHOMYIA Ficana, n. s., fem. *Cinereo-fulva, abdomine nigro, antennis nigris, pedibus fulvis, alis limpidis.*

Body grayish tawny, beset with black hairs and bristles: eyes red: lip tawny, shorter than the chest: feelers black: abdomen black, shining: legs tawny, clothed with short black hairs: wings colourless, wing-ribs, veins and poisers yellow. Length of the body 1½ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

RHAMPHOMYIA longipes, *Meig. Dipt.* iii. 55, 26, *pl.* 22, *f.* 3. *Macq. Hist. Nat. Dipt.* i. 339, 23. Empis longipes, *Meig. Klass. Zweif.* i. 231, 34.

a. England. Presented by F. Walker, Esq.

RHAMPHOMYIA holosericea, *Meig. Dipt.* iii. 58, 33, vi. 339. Empis holosericea, *Meig. Klass. Zweif.* i. 231, 33. E. gibba, *Fall. Empid.* 32, 41. Rhamphomyia gibba, *Meig. Dipt.* iii. 58, 32.

a. England. Presented by F. Walker, Esq.

Group III.

RHAMPHOMYIA cæsia, *Hoffmansegg. Meig. Dipt.* iii. 56, 29, vi. 339. *Macq. Hist. Nat. Dipt.* i. 338, 18. R. schistacea, *Meig. Dipt.* iii. 57, 30.

a. England. Presented by F. Walker, Esq.

RHAMPHOMYIA albipennis, *Meig. Dipt.* iii. 59, 35. Empis albipennis, *Fall. Empid.* 30, 36.

a. England. Presented by F. Walker, Esq.

b. France.

RHAMPHOMYIA nigripennis, *Zett. Ins. Lapp.* 569, 31. R. umbripennis, *Meig. Dipt.* iii. 54, 25, vi. 339. *Macq. Hist. Nat. Dipt.* i. 338, 17. Empis nigripennis, *Fall. Empid.* 30, 34.
a. England. Presented by F. Walker, Esq.
b. Hammerfest, Finmark. Presented by F. Walker, Esq.
c. Isle of Soröe, Finmark. Presented by F. Walker, Esq.

RHAMPHOMYIA Mallos, n. s., fem. *Cinerea, thoracis vittis tribus nigris, antennis nigris, pedibus piceo-ferrugineis, femoribus tibiisque ciliatis, alis latis fulvo-fuscis.*

Body dark gray, clothed with short, stout black hairs: eyes red: mouth and feelers black; third joint of feelers rather broad: chest adorned with three black stripes: legs dark ferruginous or almost piceous, hairy; thighs and shanks very thickly fringed: wings ample, very dark brown, with a tawny tinge, slightly paler at the tips and along the hind borders; wing-ribs piceous; veins black; poisers tawny. Length of the body 3 lines; of the wings 6 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

RHAMPHOMYIA Minytus, n. s., mas. *Nigra, antennis nigris, pedibus piceis, tibiis tarsisque posticis latis, alis limpidis.*

Body black, shining, thickly clothed with black hairs: eyes piceous: feelers and lip black, the latter a little longer than the head: legs piceous, pubescent; hind shanks widened towards the tips; hind feet clothed with black hairs, first joint long, much widened, very large, second slightly widened: wings colourless; wing-ribs and poisers tawny; veins piceous, tawny towards the base. Length of the body $1\frac{1}{2}$ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

RHAMPHOMYIA Dana, n. s., fem. *Cinerea, thoracis vittis tribus fuscis, ventre ferrugineo, antennis nigris, pedibus fulvis, femoribus tibiisque posterioribus ciliatis, alis subcinereis.*

Body gray: eyes dark red: feelers black: lip black, longer than the head: chest adorned with three brown stripes, thinly clothed with black hairs: abdomen dark ferruginous beneath: legs tawny; thighs and shanks of the middle and of the hind legs, especially of the latter, beautifully fringed with long black hairs: wings slightly gray; wing-ribs and poisers yellow; veins tawny,

yellow towards the base. Length of the body $1\frac{1}{2}$ line; of the wings $3\frac{1}{2}$ lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

RHAMPHOMYIA pennata, *Macquart, Dipt. Nord.* vi. *Hist. Nat. Dipt.* i. 338, 19. *Curt. Brit. Ent.* 517.
a. England. Presented by F. Walker, Esq.

Group IV.

RHAMPHOMYIA Daria, n. s., mas. *Cinereo-nigra, antennis nigris, pedibus fulvis, femoribus apice tibiisque posticis piceis, genubus flavis, tarsis nigris, alis limpidis fulvo subvittatis.*

Body black, with a slight gray tinge: eyes red: lip black, about twice the length of the head: feelers black: legs tawny; tips of thighs above piceous; knees yellow; shanks darker than the thighs; hind shanks piceous; feet black, dark tawny at the base: wings colourless, with a slight tawny tinge along some of the borders of the veins; wing-ribs tawny; veins piceous, tawny towards the base. Length of the body $2\frac{3}{4}$ lines; of the wings 6 lines.

a. New York. Presented by E. Doubleday, Esq.

RHAMPHOMYIA flava, *Meig. Dipt.* iii. 59, 36. *Macq. Hist. Nat. Dipt.* i. 335, 2. *Zett. Ins. Lapp.* 572, 45. Empis flava, *Fall. Empid.* 30, 35.
a. England. Presented by F. Walker, Esq.

RHAMPHOMYIA carbonaria, *Hoffmansegg. Meig. Dipt.* iii. 59, 34.
a. Hammerfest, Finmark. Presented by F. Walker, Esq.

Fam. XI TACHYDROMIÆ.

HELIODROMIA, *Haliday.*

Div. I.

HELIODROMIA immaculata, *Haliday, Ent. Mag.* i. 159. *Curt. Brit. Ent.* 513, 1. *Macq. Hist. Nat. Dipt.* ii. 658, 1. Hemerodromia immaculata, *Meig. Dipt.* vii. 93, 11.
a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.

Div. II.

HELIODROMIA unicolor, *Curt. Brit. Ent.* 513, 3.
a. France.

HELIODROMIA stagnalis, *Haliday, Ent. Mag.* i. 159. *Curt. Brit. Ent.* 513, 4. Hydrodromia stagnalis, *Macq. Hist. Nat. Dipt.* ii. 658. 2. Hemerodromia stagnalis, *Macq. Dipt.* vii. 93, 3.
a. England. Presented by F. Walker, Esq.

HELIODROMIA longipes, *Barnston's MSS. Cana, thorace cinereo-fulvo, vittis duabus fulvo-fuscis, antennis nigris, pedibus canis, alis subcinereis.*

Body hoary: eyes piceous: feelers and mouth black: chest grayish tawny, adorned with two yellowish brown stripes: legs hoary, very long: wings slightly gray; wing-ribs piceous; veins black, piceous towards the base; poisers piceous, tawny at the base. Length of the body $1\frac{3}{4}$ line; of the wings $3\frac{1}{2}$ lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

ARDOPTERA, *Macquart.*

ARDOPTERA irrorata, *Macq. Dipt. Nord. France*, 106, 1, *pl.* 3, *f.* 2. *Hist. Nat. Dipt.* i. 358, 1, *pl.* 8, *f.* 3. Leptosceles irrorata, *Haliday, Ent. Mag.* i. 161. Tachydromia irrorata, *Fall. Empid.* 13, 17.
a. England. Presented by F. Walker, Esq.

ARDOPTERA guttata. Hemerodromia irrorata, *Meig. Dipt.* iii. 66, 9, *pl.* 23, *f.* 11. *Zett. Ins. Lapp.* 544, 9. Leptosceles guttata, *Hal. Ent. Mag.* i. 160.
a. England. Presented by F. Walker, Esq.

HEMERODROMIA, *Hoffmansegg.*

A. *One discoidal areolet.*

HEMERODROMIA monostigma, *Hoffmansegg, Meig. Dipt.* iii. 62, 1, *pl.* 23, *f.* 6. *Zett. Ins. Lapp.* 543, 5. Tachydromia præcatoria, *Fall. Dipt. Suec. Empid.* 10, 12. *Var.* pallida. *Add.* 34, 12. Hemerodromia præcatoria, *Macq. Hist. Nat. Dipt.* i. 347, 3.
a. England. Presented by J. C. Dale, Esq.

HEMERODROMIA albipes, *Barnston's MSS.*, mas. et fem. *Fulvocana, antennis fulvis apice nigris, pedibus flavis, alis limpidis.*

Body slender, hoary, with a slight tawny tinge: eyes dark red: mouth tawny: feelers pale tawny, black towards the tips: legs pale yellow; tips of feet piceous: wings colourless; wing-ribs pale yellow; veins tawny, pale yellow towards the base; poisers yellow. Length of the body 1½—2 lines; of the wings 3½—4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

HEMERODROMIA præcatoria, *Meig. Dipt.* iii. 62, 2, *pl.* 23, *f.* 13. H. monostigma, *Macq. Dipt. Nord.* 104, 5, *pl.* 3, *f.* 1. *Hist. Nat. Dipt.* i. 347, 1. Tachydromia præcatoria, *Fall. Empid.* 10, 12; 34, 12.

a. England.
b. England. Presented by F. Walker, Esq.
c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

HEMERODROMIA obsecratoria, *Walk. Ent. Mag.* iv. 228.

a. England. Presented by F. Walker, Esq.
b. France.

B. *No discoidal areolet.* Phyllodromia, *Zetterstedt.*

HEMERODROMIA melanocephala, *Haliday, Ent. Mag.* i. 158. *Zett. Ins. Lapp.* 544, 6. H. mantispa, *Meig. Dipt.* iii. 64, 5, *pl.* 23, *f.* 9. *Macq. Dipt. Nord.* 102, 1, *pl.* 2, *f.* 5. *Hist. Nat. Dipt.* i. 349, 7. Empis melanocephala, *Fab. Ent. Syst.* iv. 407, 21. Tachydromia melanocephala, *Fabr. Syst. Antl.* 144, 8. *Fall. Empid.* 12, 16. Sicus raptor, *Latr. Gen. Crust.* iv. 304, *pl.* 16, *f.* 11, 12. Tachydromia mantispa, *Panz. Faun. Germ.* iii. 16.

a. England. Presented by F. Walker, Esq.
b. France.

ELAPHROPEZA, *Macquart.*

ELAPHROPEZA ephippiata, *Macq. Dipt. Nord.* 1. *Hist. Nat. Dipt.* i. 359, 1, *pl.* 8, *f.* 14. Tachydromia ephippiata, *Fall. Empid.* 11, 14. Hemerodromia ephippiata, *Meig. Dipt.* iii. 65, 8.

a. England. Presented by F. Walker, Esq.
b. France.

Tachydromia, *Meigen.*

Group 1.

Tachydromia cimicoides, *Fabr. Syst. Antl.* 144, 4. *Meig. Dipt.* vi. 341. *Macq. Hist. Nat. Dipt.* i. 349, 1. T. arrogans, *Fall. Empid.* 13, 18. *Meig. Dipt.* iii. 68, 1. *Curt. Brit. Ent.* 477, 1. Musca cimicoides, *Fabr. Sp. Ins.* ii. 447, 61. *Ent. Syst.* iv. 339, 115. *Gmel. Ed. Syst. Nat.* v. 2852, 231. Sicus arrogans, *Latr. Gen. Crust.* iv. 304. *Cons. Gén.* 443. Tachypeza cimicoides, *Meig. Dipt.* vii. 24. *Zett. Ins. Lapp.* 546, 1.

a. England. Presented by F. Walker, Esq.
b. France.

Tachydromia fuscipennis, *Fall. Empid.* 14, 19. *Meig. Dipt.* iii. 71, 5. *Curt. Brit. Ent.* 477, 4. *Macq. Hist. Nat. Dipt.* i. 350, 4. Tachypeza fuscipennis, *Meigen*, *Zett. Ins. Lapp.* 546, 3.

a. England. Presented by F. Walker, Esq.

Tachydromia nervosa, *Meig. Dipt.* iii. 72, 8. *Curt. Brit. Ent.* 477, 5. Tachypeza fuscipennis, *Meigen*, *Zett. Ins. Lapp.* 547, 5.

a. England. Presented by F. Walker, Esq.
b. France.
c. Alten, Finmark. Presented by F. Walker, Esq.

Tachydromia portæcola, *Barnston's MSS.*, mas. *Nigra, antennis nigris, pedibus fulvis, femoribus piceis, alis cinereis.*

Resembles *T. nervosa:* body black, dull: eyes piceous: feelers and mouth black, the latter tawny towards the base: abdomen hairy at the tip: legs tawny; thighs slightly piceous: wings gray; wing-ribs and veins piceous; poisers dark tawny. Length of the body 1½ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Tachydromia similis, *Barnston's MSS.*, fem. *Nigra, antennis fulvis apice nigris, pedibus fulvis, femoribus anticis nigro vittatis, tibiis intermediis piceis, tibiis posticis apice femoribusque posticis nigris, alis fuscis.*

Body black, slightly shining: eyes and mouth piceous: feelers tawny, with black tips: legs tawny; tips of feet black; fore thighs

striped with black; middle shanks piceous; hind thighs and tips of hind shanks black: wings brown; wing-ribs and veins piceous; poisers tawny. Length of the body $1\frac{3}{4}$ line; of the wings 2 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

TACHYDROMIA maculipennis, *Barnston's MSS.*, mas. *Nigra, antennis nigris, pedibus piceis, alis sublimpidis, fusco bimaculatis basi albis.*

Body black, shining: eyes piceous: feelers and mouth black: legs piceous: wings nearly colourless, white at the base, each with a large brown spot on the fore border at two-thirds of the length from the base; wing-ribs and veins piceous, the latter yellow towards the base. Length of the body $1\frac{3}{4}$ line; of the wings $1\frac{1}{2}$ line.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Group II.

TACHYDROMIA arenaria. Tachypeza arenaria, *Hal. Ent. Mag.* i. 161. *Walk. Ent. Mag.* iii. 180. Tachydromia brevipennis? *Zett. Ins. Lapp.* 548, 8.

a. England. Presented by F. Walker, Esq.

TACHYDROMIA graminum, *Fall. Empid.* 15, 21. *Meig. Dipt.* iii. 72, 10. Tachypeza graminum, *Hal. Ent. Mag.* i. 161. *Walk. Ent. Mag.* iii. 180.

a. England. Presented by F. Walker, Esq.

PLATYPALPUS, *Macquart.*

PLATYPALPUS longicornis. Tachydromia longicornis, *Meig. Dipt.* iii. 73, 12.

a. England. Presented by F. Walker, Esq.

PLATYPALPUS nigritarsis. Tachydromia nigritarsis, *Fall. Empid.* 34, 1, 2. *Meig. Dipt.* iii. 13.

a. Alten, Finmark. Presented by F. Walker, Esq.

PLATYPALPUS pallipes. Tachydromia pallipes, *Fall. Empid.* 8, 6. *Meig. Dipt.* iii. 74, 14. *Zett. Ins. Lapp.* 553, 16?

a. France.

PLATYPALPUS niger, *Macq. Hist. Nat. Dipt.* i. 352, 3. Tachydromia nigra, *Meig. Dipt.* iii. 75, 16.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS nigrinus, Tachydromia nigrina, *Meig. Dipt.* iii. 76, 19.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS minutus, *Macq. Hist. Nat. Dipt.* i. 353, 7. Tachydromia minuta, *Meig. Dipt.* iii. 76, 20.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS annulatus, *Macq. Hist. Nat. Dipt.* i. 353, 10. Tachydromia annulata, *Fall. Empid.* 7, 2. *Meig. Dipt.* iii. 77, 22. *Zett. Ins. Lapp.* 552, 12.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS fulvipes. Tachydromia fulvipes, *Megerle*, *Meig. Dipt.* iii. 78, 25, vi. 342. T. fascipes, *Meig. Dipt.* iii. 78, 23.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS castanipes. Tachydromia castanipes, *Meig. Dipt.* iii. 79, 26.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS maculipes. Tachydromia maculipes, *Megerle*, *Meig. Dipt.* iii. 79, 27.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS albocapillatus. Tachydromia albocapillata, *Fall. Empid.* 9, 7. *Meig. Dipt.* iii. 79, 28.
a. France.

PLATYPALPUS exiguus. Tachydromia exigua, *Meig. Dipt.* iii. 81, 31.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS comptus, *Walk. Ent. Mag.* iv. 228.
a. England. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.

PLATYPALPUS flavipes, *Macq. Hist Nat. Dipt.* i. 354, 12. Empis flavipes, *Fabr. Ent. Syst.* iv. 406, 19. Tachydromia flavipes, *Fabr. Syst. Antl.* 142, 1. *Meig. Dipt.* iii. 81, 32. *Fall. Empid.* 6, 1, var. β. *Zett. Ins. Lapp.* 549, 1. T. vulgaris, *Meig. Klass. Zweif.* i. 237, 3. Sicus flavipes, *Latr. Gen. Crust.* vi. 304. *Kirby and Sp. Ins. Ent.* iii. 639, 69.

a. England. Presented by F. Walker, Esq.
b. France.
c. Hammerfest, Finmark. Presented by F. Walker, Esq.
d. ——— ? From Mr. Children's collection.

PLATYPALPUS bicolor, *Macq. Hist. Nat. Dipt.* i. 355, 18. Tachydromia bicolor, *Fabr. Syst. Antl.* 143, 2. *Meig. Dipt.* iii. 82, 34. *Zett. Ins. Lapp.* 549, 2. T. flavipes, *Fall. Dipt. Suec. Empid.* 6, 1. *Var.* antennis basi pallidis.
a. England. Presented by F. Walker, Esq.
b. France.

PLATYPALPUS dichroa. Tachydromia dichroa, *Meig. Dipt.* iii. 83, 36.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS flavicornis, *Macq. Hist. Nat. Dipt.* i. 355, 16. Tachydromia flavicornis, *Meig. Dipt.* iii. 83, 37.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS cursitans, *Macq. Hist. Nat. Dipt.* i. 355, 19. Musca cursitans, *Fabr. Sp. Ins.* ii. 447, 602. *Ent. Syst.* iv. 339, 114. Tachydromia cursitans, *Fabr. Syst. Antl.* 143, 3. *Meig. Dipt.* iii. 83, 38.
a. England. Presented by F. Walker, Esq.
b. France.

PLATYPALPUS ventralis. Tachydromia ventralis, *Megerle*, *Meig. Dipt.* iii. 85, 40.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS dissimilis. Tachydromia dissimilis, *Fall. Empid.* 9, 9. *Meig. Dipt.* iii. 85, 41.
a. England. Presented by F. Walker, Esq.
b. France.

PLATYPALPUS candicans. Tachydromia candicans, *Fall. Empid.* 10, 11. *Meig. Dipt.* iii. 85, 42. *Zett. Ins. Lapp.* 550, 7.
a. England. Presented by F. Walker, Esq.
b. France.

PLATYPALPUS fasciatus. Tachydromia fasciata, *Meig. Dipt.* iii. 86, 43, *pl.* 23, *f.* 22.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS ciliaris, *Fall. Empid.* 33, 1, 2. *Meig. Dipt.* iii. 86, 44.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS pectoralis, *Macq. Hist. Nat. Dipt.* i. 356, 22. Tachydromia pectoralis, *Fall. Empid.* 9, 8. *Meig. Dipt.* iii. 87, 46.
a. France.

PLATYPALPUS calceatus, *Macq. Hist. Nat. Dipt.* i. 356, 20. Tachydromia calceata, *Meig. Dipt.* iii. 87, 45. *Zett. Ins. Lapp.* 550. 4. T. flavipes, var. γ. *Fall. Empid.* 6, 1.
a. England. Presented by F. Walker, Esq.

PLATYPALPUS luteus, *Macq. Hist. Nat. Dipt.* i. 356, 23. Tachydromia lutea, *Fall. Empid.* 10, 10. *Meig. Dipt.* iii. 89, 51. *Zett. Ins. Lapp.* 552, 11.
a. England. Presented by F. Walker, Esq.
b. France.

PLATYPALPUS articulatus, *Macq. Dipt. Nord.* 98, 10. *Hist. Nat. Dipt.* i. 354, 14. Tachydromia articulata, *Meig. Dipt.* vii. 98, 53, 66.
a. England. Presented by F. Walker, Esq.
b. France.

PLATYPALPUS, Bacis, n. s. *Ferrugineus, abdominis dorso piceo, antennis fulvis apice nigris, pedibus fulvis, posticis longis validis, alis limpidis.*

Body dark ferruginous: eyes dark red: lip tawny, as long as the head: feelers black; first and second joints dark tawny; third joint broad, nearly round; bristle very long, more than twice the length of all the preceding joints: abdomen piceous above: legs tawny, clothed with short black bristles; hind legs stout and long: wings colourless; wing-ribs ferruginous; veins piceous; poisers tawny. Length of the body 1½ line; of the wings 3 lines.

a. Jamaica. From Mr. Gosse's collection.

PLATYPALPUS Alexippus, n. s. *Cinereo-niger, antennis nigris, pedibus fulvis, femoribus intermediis validis, alis limpidis.*

Body black, covered with a gray bloom: feelers and mouth black: legs pale tawny; middle thighs thick: wings colourless; wing-ribs and veins piceous; poisers tawny. Length of the body ¾ line; of the wings 1½ line.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Drapetis, *Meigen.*

Drapetis exilis, *Megerle, Meig. Dipt.* iii. 91, 1, vi. 344. *Curt. Brit. Ent.* 397, 1. *Macq. Hist. Nat. Dipt.* i. 357, 1. *Zett. Ins. Lapp.* 554, 1. Tachydromia assimilis, *Fall. Dipt. Suec. Empid.* 8, 5, 34, 5.
a. England. Presented by F. Walker, Esq.

Drapetis nigra, *Meig. Dipt.* vi. 344, 2. *Curt. Brit. Ent.* 397, 2. *Macq. Hist. Nat. Dipt.* i. 358, 4.
a. England. Presented by F. Walker, Esq.
b. ———? From Mr. Children's collection.
c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Fam. XII. Inflatæ.

Cyrtus, *Latreille.*

Cyrtus magnus, n. s., mas, *Fulvus, thoracis disco fusco, abdominis fasciis ventreque nigris, antennis nigris basi fulvis, pedibus fulvis, tibiis posticis femoribusque piceis, alis subfulvis.*

Body dark brown, thickly clothed with short tawny hairs: eyes black, very hairy: feelers black, tawny at the base: scutcheon and sides of the chest tawny: abdomen tawny, much longer and broader than the chest; a short black band on the fore border of each segment; underside black: legs tawny, clothed with tawny down; thighs and hind shanks for the most part pitchy: wings slightly tawny; wing-ribs, veins, and poisers tawny: scales colourless, fringed with short tawny hairs. Length of the body 6 lines; of the wings 11 lines.

a. Georgia. From Mr. Abbot's collection.

Cyrtus gibbus, *Meig. Dipt.* iii. 92, 1, *pl.* 24, *f.* 1, 6. *Macq. Hist. Nat. Dipt.* i. 366, 1. Syrphus gibbus, *Fabr. Ent. Syst.* iv. 311, 120. Acrocera gibba, *Fabr. Syst. Antl.* 332, 1. *Meig. Klass. Zweif.* i. 149, *a.* Cyrtus acephalus, *Latr. Gen. Crust.* iv. 317. *Cons. Gén.* 443, *Coq. Icon. Ins. pl.* 26, *f.* 6.
a. South of France.

ACROCERA, *Latreille.*

ACROCERA sanguinea, *Latr. Gen. Crust.* iv. 318. *Schæff. Icon. pl.* 137, *f.* 2. *Meig. Dipt.* iii. 94, 1, *pl.* 24, *f.* 10. *Lam. Anim. sans Verteb.* iii. 414, *b.* *Macq. Hist. Nat. Dipt.* i. 369, 1. Henops globulus. Var. 2. *Fall. Stratiom.* 4, 3.
a. France.

ACROCERA globulus, *Latr. Gen. Crust.* iv. 318. *Cons. Gén.* 443. *Meig. Dipt.* iii. 95, 3. *Lam. Anim. sans Verteb.* iii. 414, 2. *Macq. Hist. Nat. Dipt.* i. 369, 2. Syrphus globulus, *Panz. Faun. Germ.* 86, 20. Henops globulus, *Fall. Stratiom.* 3, 3.
a. England.
b. France.
c. ———? From Mr. Children's collection.

ACROCERA albipes, *Meig. Dipt.* iii. 96, 4. Henops globulus. Var. *Fall. Stratiom.* 4, 3.
a. England.
b. France.
c. ———? From Mr. Children's collection.

ACROCERA nigrina, *Westwood, Trans. Ent. Soc. Lond.* v. 4, 97.
a. Georgia. From Mr. Abbot's collection.

ACROCERA bulla, *Westw. Trans. Ent. Soc. Lond.* v. 4, 98.
a. New York.

ACROCERA subfasciata, *Westw. Trans. Ent. Soc. Lond.* v. 4, 98.
a. New York.

ACROCERA unguiculata, *Westw. Trans. Ent. Soc. Lond.* v. 4, 98.
a. Georgia From Mr. Abbot's collection.

ACROCERA fumipennis, *Westw. Trans. Ent. Soc. Lond.* v. 4, 98.
a. Georgia. From Mr. Abbot's collection.

HENOPS, *Illiger.*

HENOPS gibbosus, *Fabr. Syst. Antl.* 333, 1. *Meig. Dipt.* iii. 99, 1 *pl.* 24, *f.* 15. *Curt. Brit. Ent.* 110, 1. Musca gibbosa, *Linn. Faun. Suec.* 1815. *Gmel. Ed. Syst. Nat.* v. 2874, 49. Syrphus gibbosus, *Fabr. Sp. Ins.* ii. 432, 55. *Ent. Syst.* iv. 311, 121. Henops leucomelas, *Meig. Klass. Zweif.* i. 151, 2, *pl.* 8, *f.* 30. *Fall. Stratiom.* 3, 2. Acrocera gibbosa, *Lam. Anim. sans Verteb.* iii. 414, 3. Ogcodes gibbosus, *Latr. Gen. Crust.* iv. 318. *Cons. Gén.* 443.
a. France.

HENOPS marginatus, *Meig. Dipt.* iii. 100, 2, *pl.* 24, *f.* 12. *Curt. Brit. Ent.* 110, 2. Syrphus gibbosus, *Panz. Faun. Germ.* 44, 21. *Schæff. Icon. pl.* 200, *f.* 1. Henops gibbosus, *Meig. Klass. Zweif.* i. 151, 1. Ogcodes marginatus, *Macq. Hist. Nat. Dipt.* i. 368, 2.
a. England.
b. France.
c. ——? From Mr. Children's collection.

PTERODONTIA, *G. R. Gray.*

PTERODONTIA flavipes, *G. R. Gray*, *Griff. Anim. Kingd. Ins. pl.* 128, *f.* 3, *pl.* 34, *p.* 779. *Westw. Trans. Ent. Soc. Lond.* v. 4, 96.
a. Georgia. From Mr. Abbot's collection.

PTERODONTIA analis, *Westw. Trans. Ent. Soc. Lond.* v. 4, 97.
a. Georgia. From Mr. Abbot's collection.

PSILODERA, *G. R. Gray.*

PSILODERA capensis, *G. R. Gray*, *Griff. Anim. Kingd. Ins. pl.* 128, *f.* 4. *Westw. Trans. Ent. Soc. Lond.* v. 4, 92.
a. Cape. Presented by the Entomological Club.
b. Cape.

LASIA, *Wiedemann.*

LASIA flavitarsis, *Erichson*, *Westw. Trans. Ent. Soc. Lond.* v. 4, 92. Panops flavitarsis, *Wied. Auss. Zweif.* ii. 18, 1, *pl.* 9, *f.* 2, *a—c.* Lasia amethystina, *Perty. Delect. Anim. Artic.* 181, *pl.* 36, *f.* 7. Beris? violacea, *G. R. Gray*, *Griff. Anim. Kingd. Ins. pl.* 114, *f.* 2.
a. Brazil. From Mrs. Noel's collection.

Fam. XIII. STRATIOMYDÆ.

PACHYGASTER, *Meigen.*

PACHYGASTER ater, *Meig. Dipt.* iii. 102, 1. *Macq. Hist. Nat. Dipt.* i. 264, 1. Vappo ater, *Fabr. Syst. Antl.* 254, 1. *Latr. Gen. Crust.* iv. 278. *Cons. Gén.* 442. Nemotelus ater, *Panz. Faun. Germ.* 54, 5. Sargus pachygaster, *Fall. Stratiom.* 13, 1.
a. England.
b. France.

PACHYGASTER Leachi, *Stephens, Curt. Brit. Ent.* 42. P. pallipennis, *Macq. Hist. Nat. Dipt.* i. 265, 2, *pl.* 6, *f.* 14.
a. England. Presented by J. C. Dale, Esq.

HERMETIA, *Latreille.*

HERMETIA illucens, *Latr. Dict. d'Hist. Nat.* xxiv. 192, 54. *Hist. Crust. et Ins.* xiv. 338. *Gen. Crust. et Ins.* iv. 271. *Fabr. Syst. Antl.* 62, 1. *Wied. Auss. Zweif.* ii. 22, 1, *pl.* 7, *f.* 3. *Macq. Hist. Nat.* i. 228, 1. *Dipt. Exot.* i. 177, 1, *pl.* 21, *f.* 2. Musca illucens, *Linn. Syst. Nat.* ii. 979, 2. M. leucopa, *Linn. Syst. Nat.* ii. 983, 23. Nemotelus illucens, *Deg. Ins.* vi. 205, 3, *pl.* 29, *f.* 8. Bibio illucens, *Fabr. Mant.* ii. 328, 2. Syrphus leucopus, *Fabr. Mant. Ins.* ii. 338, 41. Mydas illucens, *Fabr. Ent. Syst.* iv. 253, 2. Xylophagus illucens, *Lam. Hist. Anim. sans Verteb.* iii. 355, 2.
a. Jamaica. From Mr. Gosse's collection.
b. Brazil. Presented by J. P. George Smith, Esq.
c. Brazil. Presented by Sir C. Stewart.
d. Para. Presented by Reginald Graham, Esq.
e. South America. From Mr. Warwick's collection.
f. Brazil. From Mr. Mornay's collection.
g. Brazil. Presented by O. Reilly, Esq.
h. Jamaica.
i. ———?

HERMETIA pulchra, *Wied. Auss. Zweif.* i. 24, 3.
a. Brazil. From Mr. Mornay's collection.

EUDMETA, *Wiedemann.*

EUDMETA marginata, *Wied. Auss. Zweif.* i. 43, 1, *pl.* 9, *f.* 4 *Macq. Hist. Nat. Dipt.* i. 259, 1, *pl.* 6, *f.* 10. *Dipt. Exot.* i. 194. Hermetia marginata, *Fabr. Syst. Antl.* 63, 3.
a. Java. From Mr. Argent's collection.

SARGUS, *Fabricius.*

Group I. CHRYSOCHLORA, *Latreille.*

SARGUS amethystinus, *Fabr. Syst. Antl.* 258, 13. *Wied. Auss. Zweif.* ii. 27, 1. Chrysochlora amethystina, *Latr. Regn. Anim.* v. 486. *Macq. Hist. Nat. Dipt.* i. 258, 1. *Dipt. Exot.* i. 198.
a. Isle of France.

SARGUS Andreas, n. s., fem. *Cyaneo-viridis, scutelli apice fulvo, abdomine cyaneo-nigro pilis canis bifasciato basi fulvo, antennis nigris, pedibus flavis, femoribus cyaneo-nigris, alis cinereis ad costam fusco maculatis.*

Head blue, broader than the chest, tawny in front: mouth yellow: feelers black: eyes dark red: chest and breast bluish green, clothed with short pale hairs; tip of the scutcheon tawny: abdomen bluish black; hind borders of the third and of the fourth segments adorned with bands of hoary hairs; second segment tawny: legs pale yellow; hips and thighs bluish black; tips of the latter tawny: wings gray, a small brown spot on the middle of each fore border; wing-ribs ferruginous; veins pitchy; poisers yellow. Length of the body 5 lines; of the wings 10 lines.

a. ——— ?

SARGUS annulipes, n. s., fem. *Purpureo-cyaneus, clypeo fulvo, antennis pedibusque nigris, femoribus apice tarsisque basi fulvis, tibiis basi flavis, alis fuscis ad costam nigro-fusco fasciatis.*

Body dark blue: head a little broader than the chest, clothed with short black hairs; clypeus tawny: eyes bronze; facets very small: mouth black: feelers black; first and second joints short, clothed with short black hairs; third joint very long, tapering from the base to the tip, nearly thrice the length of the first and second; bristle much shorter than the third joint: chest and abdomen very finely punctured, covered with tawny down: abdomen tinged with purple, nearly elliptical, a little longer and broader than the chest: legs black, clothed with hoary down; tips of thighs tawny; shanks yellow towards the base; feet tawny at the base: wings brown, each with a dark brown band a little beyond the middle of the fore border; wing-ribs and veins piceous; poisers yellow. Length of the body 4½ lines; of the wings 10 lines.

a. ——— ?

SARGUS vespertilio, *Fabr. Syst. Antl.* 259, 14. *Wied. Auss. Zweif.* ii. 29, 4. Chysochlora vespertilio, *Macq. Hist. Nat. Dipt.* i. 258, 2.

a. Venezuela. From Mr. Dyson's collection.

SARGUS Echemon, n. s., fem. *Flavus, capite fulvo, thoracis vittis duabus fuscis, abdomine fulvo vittis piceis, antennis fulvis, pedibus flavis, femoribus fulvis, alis fulvis apice fasciaque fuscis margine postico cinereo.*

Head tawny, a little broader than the chest: eyes pitchy, slightly bronzed; facets on the fore part of the crown rather larger

than those elsewhere: feelers tawny; bristle black; chest brown, clothed with tawny down, adorned with two yellow stripes, these are connected by two oblique bands with the sides, which like the breast are yellow: scutcheon yellow, fore border brown: abdomen bright tawny, elliptical, much longer and broader than the chest, paler at the base; a pitchy mark on the disk and on each side of every segment: legs yellow; hips and thighs tawny; tips of claws black: wings tawny, gray along the hind borders, brown at the tips, and adorned with a brown band across the middle; wing-ribs and veins tawny, the latter pitchy along the hind borders and at the tips; poisers tawny, with green knobs. Length of the body 6 lines; of the wings 15 lines.

a. Para. Presented by J. P. George Smith, Esq.

Sargus Haterius, n. s., fem. *Flavus, thoracis vittis tribus fuscis, abdomine fusco fasciato, antennis fulvis, pedibus flavis, alis cinereis ad costam fulvis.*

Head yellow, with a brown stripe between the eyelets and the feelers, clothed with black hairs on the crown: eyes black; facets very small: feelers tawny; bristle black: chest brown, clothed with tawny down, adorned with two yellow stripes; sides and breast yellow; scutcheon yellow; fore border brown; abdomen yellow, clothed with tawny down, broader and a little longer than the chest; a broad irregular brown band on the fore border of each segment: legs yellow; tips of claws black: wings gray, tawny along the fore borders: wing-ribs and veins ferruginous; poisers yellow. Length of the body 7 lines; of the wings 15 lines.

a. Venezuela. From Mr. Dyson's collection.

Group II.

Sargus gemmifer, n. s. *Cyaneo-viridis, abdomine cupreo, ventre purpureo, antennis pedibusque fulvis, his piceo vittatis, alis nigro-fuscis.*

Head piceous, shining, pale tawny beneath: eyes piceous; feelers tawny; bristle black: chest bright bluish green; breast less bright, varied with purple: abdomen brilliant copper colour; underside purple: legs tawny, striped with pitch colour, clothed with tawny down: wings blackish brown, paler along the hind borders; wing-ribs and veins black; poisers tawny. Length of the body 9 lines; of the wings 16 lines.

a. Silhet. From Mr. Sowerby's collection.

SARGUS tenebrifer, n. s., fem. *Niger, clypeo flavo, scutelli margine postico fulvo, abdominis segmentorum marginibus posticis albo-pilosis, segmento 2º flavo maculis tribus nigris, antennis pedibusque nigris, tibiis anticis basi flavis, alis nigro-fuscis.*

Body black: head clothed with black hairs: clypeus yellow: eyes piceous; its facets rather larger in front than elsewhere: feelers black: chest finely punctured, clothed with tawny down; hind border of scutcheon tawny: abdomen oval, very convex, broader and longer than the chest, rather narrow towards the base; sides of the hind borders of the segments clothed with white hairs; second segment yellow, having above a large black spot in the middle, and a short black stripe on each side: legs black, clothed with black down; fore shanks yellow towards the base; wings blackish brown, with a slight tawny tinge along the fore borders; wing-ribs and veins black; poisers tawny. Length of the body 5—6 lines; of the wings 10—12 lines.

a. China. Presened by G. T. Lay, Esq.
b. ———?

SARGUS metallinus, *Fabr. Syst. Antl.* 258, 11. *Wied. Auss. Zweif.* ii. 36, 16.
a. Nepaul. From the Hardwicke bequest.

SARGUS stamineus, *Wied. Auss. Zweif.* i. 39, 21. Scæva staminea, *Fabr. Syst. Antl.* 253, 19.
a. Para. Presented by Reginald Graham, Esq.

SARGUS elongatus. Musca elongata, *Fabr. Ent. Syst.* iv. 338, 109.
a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b. West Africa. Presented by Sir E. Belcher.
c. ———?

SARGUS testaceus, *Fabr. Syst. Antl.* 257, 6. *Wied. Auss. Zweif.* ii. 15. *Macq. Dipt. Exot.* i. 203, 5.
a. Brazil.
b. ———?

SARGUS Alchidas, n. s., mas. *Viridis, abdomine cupreo pilis fulvis fasciato, antennis pedibusque fulvis, alis subfulvis.*

Head and chest bright green, clothed with short black hairs: head a little broader than the chest: eyes bronze; facets very small: mouth tawny: feelers pale tawny; bristle black: abdomen bright copper colour, varied with green, increasing in breadth from the base to the tip, narrower than the chest, and nearly twice its

length, clothed with tawny hairs, which are most thick on the hind borders of the segments: legs tawny: wings tinged with tawny; wing-ribs and veins tawny, some of the latter pitch-colour; poisers tawny. Length of the body 5 lines; of the wings 9 lines.

a. Jamaica. From Mr. Gosse's collection.

SARGUS Bagosas, n. s., mas. *Purpureus viridi varius, scutelli margine postico fulvo, abdomine pilis fulvis fasciato, antennis pedibusque fulvis, alis limpidis.*

Head and chest purple, varied with green: head a little broader than the chest; front tawny: mouth pale yellow: eyes bronze: feelers tawny; bristle black: chest clothed with tawny hairs; hind border of the scutcheon tawny: abdomen green, increasing in breadth from the base to the tip, as broad as the chest, and rather less than twice its length, clothed with tawny hairs, which are most thick on the hind borders of the segments: legs tawny: wings colourless; wing-ribs and veins piceous; poisers tawny. Length of the body 4 lines; of the wings 8 lines.

a. Jamaica. From Mr. Gosse's collection.

SARGUS cuprarius, *Fabr. Ent. Syst. Suppl.* 566, 1. *Syst. Antl.* 256, 3. *Latr. Gen. Crust.* iv. 278. *Cons. Gén.* 442. *Fall. Stratiom.* 15, 2. *Meig. Dipt.* iii. 106, 1. *Macq. Hist. Nat. Dipt.* i. 260, 1. *Zett. Ins. Lapp.* 576, 1. Musca cupraria, *Linn. Syst. Nat.* ii. 994. *Faun. Suec.* 1853. *Gmel. Ed. Syst. Nat.* v. 2849, 92. *Fabr. Sp. Ins.* ii. 446, 52. *Ent. Syst.* iv. 335, 96. *Geoff. Ins.* ii. 525, 61. *Schrank. Ins. Austr.* 994. *Stew. El.* 261. *Turt.* iii. 610. Nemotelus cuprarius, *Deg. Ins.* vi. 81, 16, *pl.* 12, *f.* 4. Rhagio politus? *Schrank. Faun. Boic.* iii. 2394. Musca indicus? *Harr. Ex.* 47, *pl.* 11, *f.* 77.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

SARGUS infuscatus, *Hoffmansegg, Meig. Dipt.* iii. 107, 3. *Macq. Hist. Nat. Dipt.* i. 261, 2. *Zett. Ins. Lapp.* 577, 2. S. auratus, *Meig. Klass. Zweif.* i. 143, 2.

a. England.
b. France.

SARGUS flavipes, *Meig. Dipt.* iii. 108, 5, *pl.* 25, *f.* 14. *Macq. Hist. Nat. Dipt.* i. 261, 4. *Zett. Ins. Lapp.* 577, 3.

a. England.
b. France.

SARGUS Reaumuri, *Fabr. Syst. Antl.* 256, 2. (*Reaum. Ins.* iv. *pl.* 22, *f.* 5—8). *Meig. Dipt.* iii. 109, 6. *Curt. Brit. Ent.* 305. *Macq. Hist. Nat. Dipt.* i. 262, 6.
a. England.
b. France.

Group III. CHRYSOMYIA, *Macquart.*

SARGUS formosus, *Meig. Dipt.* iii. 110, 8. Musca aurata, *Fabr. Ent. Syst.* iv. 335, 96. *Gmel. Ed. Syst. Nat.* v. 2850, 218. *Don. Brit. Ins.* iv. 91, *pl.* 142, *f.* 1. *Stew. El.* ii. 261. *Turt.* iii. 610. M. cicur, *Harr. Ex.* 47, *pl.* 11, *f.* 88. M. formosa, *Schrank. Ins. Austr.* 899. Rhagio formosus, *Schrank. Faun. Boic.* iii. 2395. Sargus auratus, *Fabr. Ent. Syst. Suppl.* 566, 2. *Syst. Antl.* 257, 4. S. xanthopterus, *Fabr. Syst. Antl.* 255, 1. *Latr. Gen. Crust.* iv. 278. *Meig. Klass. Zweif.* i. 144, 5, *pl.* 8, *f.* 16—18. *Fall. Stratiom.* 14, 3. Nemotelus flavogeniculatus, *Deg. Ins.* vi. 81, 17. Chrysomyia formosa, *Macq. Hist. Nat. Dipt.* i. 263, 1.
a. England.
b. France.

SARGUS sapphirinus, n. s., fem. *Purpureo-cyaneus, clypeo albo, antennis nigris, tibiis tarsisque piceis, tibiis subtus flavis, alis limpidis.*

Body bright blue, tinged with purple: head as broad as the chest; clypeus white: eyes dark bronze: mouth and feelers black: chest and abdomen finely punctured, thinly clothed with short hoary hairs: abdomen nearly elliptical, a little broader and longer than the chest: legs blue, clothed with short hoary hairs; shanks and feet piceous; shanks pale yellow beneath; wings colourless; wing-ribs and veins dark tawny; poisers pale tawny. Length of the body 4 lines; of the wings 7 lines.

a. East Indies. From Archdeacon Clerk's collection.

SARGUS viridis, *Say, Journ. Acad. Phil.* iii. 87. *Wied. Auss. Zweif.* i. 39, 22.
a. Nova Scotia. From Mr. Children's collection.

SARGUS politus, *Fabr. Ent. Syst. Suppl.* 556, 4. *Syst. Antl.* 257, 7. *Meig. Klass. Zweif.* i. 145, *a.* *Dipt.* iii. 111, 9. *Fall. Stratiom.* 14, 4. *Zett. Ins. Lapp.* 577, 4. Musca polita, *Linn. Syst. Nat.* ii. 894. *Faun. Suec.* 1854. *Gmel. Ed. Syst. Nat.* 2850, 93. *Fabr. Sp. Ins.* ii. 446, 53. *Ent. Syst.* iv. 335, 99, *Stew. El.* ii. 261. *Turt.* iii. 611. M. vitreus, *Harr. Ex.* 48,

pl. 11, *f.* 9, 10. Sargus cyaneus, *Fabr. Syst. Antl.* 258, 10. S. splendens, *Meig. Klass. Zweif.* i. 144, 4. Nemotelus auratus, *Deg. Ins.* vi. 81, 18. Chrysomyia polita, *Macq. Hist. Nat. Dipt.* i. 263, 3.
a. England.
b. France.
c. ———? From Mr. Children's collection.

SARGUS flavicornis, *Meig. Dipt.* iii. 112, 10. Musca parvulus? *Harr. Ex.* 48, *pl.* 11, *f.* 11. Chrysomyia flavicornis, *Macq. Hist. Nat. Dipt.* i. 264, 4.
a. England.

NEMOTELUS, *Geoffroy.*

NEMOTELUS uliginosus, *Fabr. Ent. Syst.* iv. 269, 1. *Syst. Antl.* 87, 1. *Fall. Stratiom.* 5, 1. *Meig. Dipt.* iii. 114, 1, *pl.* 25, *f.* 19. *Curt. Brit. Ent.* 729, 1. *Macq. Hist. Nat. Dipt.* i. 265. 2, *pl.* 6, *f.* 15. Musca uliginosa, *Linn. Syst. Nat.* ii. 982. *Gmel. Ed. Syst. Nat.* v. 2836, 22. *Turt.* iii. 655. *Don. Brit. Ins.* xv. 31, *pl.* 519. Nemotelus, &c., *Geoff. Ins.* ii. 543, 2. Stratiomys mutica, *Fabr. Sp. Ins.* ii. 419, 14.
a. England.
b. France.

NEMOTELUS pantherinus, *Meig. Dipt.* iii. 115, 2, *pl.* 25, *f.* 20. *Curt. Brit. Ent.* 729, 2. *Macq. Hist. Nat. Dipt.* i. 265, 1. Musca pantherina, *Linn. Syst. Nat.* ii. 980. *Faun. Suec.* 1783. *Gmel. Ed. Syst. Nat.* v. 2830, 8. *Schell. Gen. Mouch. pl.* 25, *f.* 1. M. marginata, *Turt.* iii. 655. Stratiomys marginata, *Fabr. Sp. Ins.* ii. 419, 13. S. mutica, *Schrank. Faun. Boic.* iii. 2389. Nemotelus marginatus, *Fabr. Ent. Syst.* iv. 270, 3. *Syst. Antl.* 883. *Latr. Gen. Crust.* iv. 276. *Cons. Gén.* 442. *Panz. Faun. Germ.* xlvi. 22. Nemotelus, &c., *Geoff. Ins.* 543, 1, *pl.* 18, *f.* 4. Musca marginella, *Gmel. Ed. Syst. Nat.* v. 2836, 163. *Stew. El.* ii. 256. Nemotelus marginellus, *Fall. Stratiom.* 5, 2. N. uliginosus, *Latr. Gen. Crust.* iv. 276. *Cons. Gén.* 442. *Panz. Faun. Ins. Germ.* xlvi. 21. *Meig. Klass. Zweif.* i. 139, 1, *pl.* 7, 8, *f.* 8.
a. England.

NEMOTELUS nigrinus, *Fall. Stratiom.* 6, 3. *Meig. Dipt.* iii. 117, 5. *Curt. Brit. Ent.* 729. *Macq. Dipt. Nord.* 116, 3. *Hist. Nat. Dipt.* i. 266, 3. N. nigritus, *Panz. Faun. Germ.* 107, 17.
a. England.

NEMOTELUS carneus, *Barnston's MSS.*, fem. *Niger, antennis nigris, pedibus fulvis, femoribus nigris, tibiis nigro vittatis, alis albidis.*

Body black, shining: head a little narrower than the chest: eyes piceous: mouth and feelers black: scutcheon unarmed: abdomen much broader, but not longer than the chest: legs tawny; hips and thighs black; tips of thighs tawny; shanks striped with black: wings whitish; wing-ribs tawny; veins and poisers pale yellow. Length of the body $1\frac{1}{2}$ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

CLITELLARIA, *Meigen.*

Group I. *Scutcheon armed with spines.*

CLITELLARIA Ephippium, *Meig. Dipt.* iii. 122, 4. Stratiomys, Ephippium, *Fabr. Sp. Ins.* ii. 417, 2. *Ent. Syst.* iv. 264, 6. *Syst. Antl.* 79, 4. *Schrank. Faun. Boic.* iii. 2379. *Panz. Faun. Germ.* viii. 23. Musca, &c., *Geoff. Ins.* ii. 480, 3. *Schell. Gen. Mouch. pl.* 24, *f.* 1, 2. *Schæff. Icon. pl.* 47, *f.* 7. M. Ephippium, *Gmel. Ed. Syst. Nat.* v. 2834, 151. *Herbst Gem. Nat.* viii. *pl.* 339, *f.* 3. M. Inda, *Schrank. Ins. Austr.* 891. *Don. Brit. Ins.* xvi. 37, *pl.* 599. *Mill. Brit. Ent. pl.* 1, *f.* 6. Ephippium thoracicum, *Latr. Gen. Crust.* iv. 276. *Cons. Gén.* 442. *Encyl. pl.* 387, *f.* 27, 30. *Macq. Hist. Nat. Dipt.* i. 252, 1, *pl.* 6, *f.* 7.

a. England.
b. France.
c. Germany. From Mr. Walker's collection.

CLITELLARIA albicaput, n. s., mas. et fem. *Cyaneus, capite albo, scutello bidentato, antennis pedibusque nigris, alis purpureo-nigris.*

Body dark blue, with a purple tint: head ivory-white, smooth, shining, narrower than the chest, piceous about the eyelets; front clothed with white hairs: eyes convex, dark bronze, with one broad green band and two narrow bluish green bands: lip black, clothed with hoary hairs: feelers black; first and second joints clothed with short black hairs; second joint not half the length of the first; third joint linear, very long, more than twice the length of the first and the second: chest clothed with short black hairs; scutcheon armed with two stout teeth: abdomen a little longer than wide, very much broader, but not longer than the chest; intermediate segments of

moderate and nearly equal length: legs black or piceous, tinged with purple, clothed with short black hairs; feet sometimes tawny towards the base; foot-cushions tawny: wings black, with a purple tinge, slightly paler at the tips and along the hind borders; wing-ribs and veins black; poisers tawny. Length of the body 6—7 lines; of the wings 12—14 lines.

a. Para. Presented by Reginald Graham, Esq.
b. ——— ?

Clitellaria tenebrica, n. s., mas. *Nigra, thorace pilis canis bivittato, scutello bidentato, antennis pedibusque nigris, alis nigro-fuscis.*

Body black: head narrower than the chest, thickly clothed with short white hairs: mouth piceous: eyes piceous, thickly covered with hoary down: feelers black, covered with hoary down: chest bluish black, punctured, armed with a black tooth on each side, adorned with two stripes of hoary hairs; scutcheon armed with two long slightly curved teeth: breast clothed with hoary hairs: abdomen elliptical, flat, a little broader, but hardly longer than the chest, clothed with hoary hairs: legs black, clothed with short hoary hairs: wings blackish brown; borders paler towards the base; wing-ribs and veins black; poisers tawny, with pale yellow knobs. Length of the body 5—6 lines; of the wings 10—12 lines.

a. Java. From Mr. Argent's collection.

Clitellaria heminopla, *Wied. Zool. Mag.* iii. 30, 45. *Auss. Zweif.* ii. 48, 3.
a. Madras. Presented by Walter Elliott, Esq.

Clitellaria Anchialus, n. s., fem. *Cyanea, thorace lanugine alba trivittato, scutelli dentibus duabus nigris apice fulvis, antennis nigris pedibus cyaneo-nigris, genubus ferrugineis, tarsis piceis, alis limpidis.*

Body dark blue: head much narrower than the chest, clothed with white down: eyes red; facets rather small: mouth and feelers black, the latter much longer than the head: chest adorned with three stripes of white down; scutcheon armed with two black teeth, whose tips are tawny: breast partly clothed with white hairs: abdomen much broader, but not longer than the chest, clothed with short white hairs above, tinged with purple beneath; legs bluish black; knees ferruginous; feet piceous, tawny towards the base: wings colourless; wing-ribs ferruginous; veins black; poisers pale tawny. Length of the body 3½ lines; of the wings 7 lines.

a. Jamaica. Prom Mr. Gosse's collection.

CLITELLARIA Halala, n. s., fem. *Nigra, capite fulvo, abdominis lateribus fulvo pilosis, antennis piceis basi subtusque fulvis, pedibus rufis, tarsis anticis tibiisque posticis piceis, alis limpidis nigro-bifasciatis.*

Body black: head tawny, narrower than the chest, piceous about the eyelets: eyes bright red, covered with down: feelers tawny, piceous above from the third joint to the tips, which are also piceous beneath: chest clothed with short tawny hairs; scutcheon very prominent, armed with four short tawny teeth: abdomen very convex, nearly round, thickly and coarsely punctured, much shorter and broader than the chest, clothed on each side with short pale tawny hairs: legs red; fore feet and hind shanks piceous: wings colourless, each adorned with two short irregular black bands, extending from the fore borders to the disks; wing-ribs and poisers tawny; veins part piceous, part yellow. Length of the body 3 lines; of the wings 5½ lines.

a. Honduras. From Mr. Dyson's collection.

CLITELLARIA Amenides, n. s., mas. *Nigra, capite fulvo, scutelli dentibus duabus fulvis, antennis piceis basi fulvis, pedibus piceis, femoribus apice tarsisque fulvis, alis limpidis, costæ dimidio apicali fusco.*

Head tawny, much narrower than the chest: eyes piceous: mouth black: feelers piceous, tawny at the base: chest and breast black, thickly clothed with tawny down; scutcheon prominent, armed with two short tawny teeth: abdomen gibbous, black, a little shorter and much broader than the chest, clothed with short tawny hairs: legs pitch-colour; feet and tips of thighs tawny: wings colourless; wing-ribs, veins, and poisers tawny; wings brown along the fore borders from the middle to the tips. Length of the body 3 lines; of the wings 6 lines.

a. ———?

Group II. *Scutcheon unarmed.* CYCLOGASTER? *Macquart.*

CLITELLARIA Coprates, n. s., mas. *Nigra, thoracis vittis tribus fuscis, abdomine purpureo-cyaneo, lateribus albo-pubescentibus, antennis nigris, pedibus cyaneo-nigris, tarsis anterioribus fulvis, alis nigro-fuscis.*

Body black: head full as broad as the chest, clothed behind and beneath with short hoary hairs: eyes reddish bronze; facets o

moderate and equal size: mouth and feelers black, the latter linear, and full twice the length of the head: chest deep black, adorned with three broad stripes of brown down; scutcheon unarmed: abdomen purplish blue, adorned on each side towards the tip with patches of white down, rather broader than long, much wider and a little shorter than the chest: legs bluish black, clothed with tawny down; feet tawny, black towards the tips; hind feet black: wings blackish brown, darkest along the fore borders; wing-ribs and veins black; poisers piceous. Length of the body 4 lines; of the wings 8 lines.

a. ——? From Mr. Children's collection.

CLITELLARIA cuprea, n. s. *Cuprea, antennis pedibusque nigris, alis nigro-fuscis.*

Body bright copper-colour, shining, thickly clothed with short hoary hairs: head much narrower than the chest; eyes dark red, clothed with black down: mouth black, clothed with short black hairs: feelers black, short; first and second joints cup-shaped, of nearly equal length, beset with short black hairs; third joint conical till near the tip, where it is narrow and slightly curved, more than twice the length of the two preceding joints: abdomen convex, much broader, but not longer than the chest, its breadth slightly exceeding its length: legs black, clothed with hoary down: wings dark brown, especially along the fore borders; wing-ribs and veins black; poisers tawny. Length of the body 3 lines; of the wings 6 lines.

a. West Australia. From Mr. Clifton's collection.

CLITELLARIA rufa, n. s. *Rufa, antennis pedibusque rufis, illis apice nigris, alis limpidis.*

Body red, shining, finely punctured, rather flat, almost hairless: head a little narrower than the chest: eyes and eyelets piceous: feelers black, nearly as long as the head, ending in a spine; first and second joints red, long, nearly equal in length; third and following joints short: abdomen flat, rather wider than long, shorter and very much broader than the chest: legs red: wings colourless; wing-ribs, veins, and poisers tawny. Length of the body 2½ lines; of the wings 4 lines.

a. ——? From Mr. Children's collection.

CLITELLARIA Cormasa, n. s., mas. *Nigra, antennis piceis basi fulvis, pedibus fulvis, alis cinereis.*

Body black, head as broad as the chest: eyes reddish bronze; facets large: feelers piceous; first joint tawny; second joint slightly

club-shaped, tawny at the base: mouth black: chest increasing in breadth from the fore border to the hind border: abdomen nearly elliptical, a little broader, but not longer than the chest: legs tawny: wings gray, darker along the fore borders; wing-ribs, veins, and poisers piceous. Length of the body $2\frac{3}{4}$ lines; of the wings 4 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Cyphomyia, *Wiedemann.*

Cyphomyia auriflamma, *Hoffmansegg*, *Wied. Anal. Ent.* 13, 4. *Zool. Mag.* iii. 54, 51. *Wied. Auss. Zweif.* ii. 54, 1. *Macq. Hist. Nat. Dipt.* i. 242, 2.

a. Brazil.

Cyphomyia cyanea, *Wied. Auss. Zweif.* i. 57, 7. *Macq. Hist. Nat. Dipt.* i. 242, 1, *pl.* 6, *f.* 3. Stratiomys cyanea, *Fabr. Ent. Syst.* iv. 265, 11. *Syst. Antl.* 80, 11. *Coq. Ill.* 100, *pl.* 23, *f.* 4.

a. Columbia. Presented by Capt. Friend.

Ptilocera, *Wiedemann.*

Ptilocera quadridentata, *Wied. Auss. Zweif.* ii. 59, 1, *pl.* 8, *f.* 4, *a—d.* *Jenson*, *Bull. Soc. Imp. Nat. Mosc.* iv. 321. *Macq. Hist. Nat. Dipt.* i. 240, 1, *pl.* 6, *f.* 1.

a. Java.

Ptilocera smaragdina, n. s. *Viridis cyaneo purpureoque varia, antennis nigris ramosis, pedibus nigris, alis nigro-fuscis.*

Head black, narrower than the chest: eyes pale bronze; facets very small: mouth black: feelers black, longer than the head, adorned on one side with four feathered branches, and with three on the other, ending in a spine, which is also feathered and has a knob at the tip: chest and abdomen thickly punctured: chest spangled with blue, purple and green; scutcheon armed with four black teeth: abdomen a little wider than long, broader and shorter than the chest, of the same colour, but less brilliant; sides and hind part thinly clothed with hoary hairs: breast and underside of abdomen more dull, clothed with hoary down: legs black: wings blackish brown, paler along the hind borders; a dull tawny band across each fore border; wing-ribs, veins, and poisers black. Length of the body 4 lines; of the wings 7 lines.

a. Philippine Islands. From Mr. Cuming's collection.

Acrochæta, *Wiedemann.*

Acrochæta elegans, *Perty, Del. Anim. Artic.* 184, *pl.* 36, *f.* 15.
a. Brazil. Presented by J. P. George Smith, Esq.
b. ——— ?

Acrochæta Aleus, n. s., mas. *Niger, thoracis maculis duabus flavis, scutelli dentibus duabus ferrugineis, pectore cinereo, abdominis segmentorum marginibus posticis flavis, ventre flavo albo pubescente, antennis nigris basi fulvis, pedibus fulvis femoribus nigris, alis subfulvis, ad costam fulvis fusco cinereoque variis.*

Head as broad as the chest, clothed on the crown, on the front and beneath with short white silvery hairs: eyes reddish bronze, meeting above; facets very small: hypostoma dark tawny, shining: lip black, shining: feelers black, a little more than twice the length of the head; first joint long, tawny, black at the tip; second joint very short; third joint broader, and slightly increasing in breadth from the base to the tip; fourth joint very small: chest black, clothed with short pale brown hairs, adorned with a pale yellow spot on each side behind; scutcheon armed with two ferruginous teeth: breast gray, thickly clothed with short white silvery hairs: abdomen velvet-black, broader, but hardly longer than the chest; hind borders of the segments yellow, especially on each side; underside yellow, thickly covered with white silvery down; first and second segments short; third, fourth, and fifth segments large: legs tawny, covered with white down; hips and thighs black: wings with a slight tawny tinge, dark tawny mixed with brownish gray for some breadth along the fore borders; wing-ribs ferruginous; veins piceous, ferruginous towards the base; poisers ferruginous. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Brazil. Presented by J. P. George Smith, Esq.

Alliocera, *Saunders.*

Alliocera Græca, *Saunders, Trans. Ent. Soc. Lond.* iv. 62, *pl.* 4, *f.* 1.
a. Albania. Presented by W. W. Saunders, Esq.

Oxycera, *Meigen.*

Oxycera Hypoleon, *Staeger, Ent. Zeit. Stettin.* v. 409, 1. Musca hypoleon, *Linn. Syst. Nat. Ed.* xii. 1, 2, 980, 7. *Geoff. Ins.* ii. 418, 6. *Don. Brit. Ins.* v. 6, *pl.* 146, *f.* 3. *Stew. El.* ii.

256. *Turt.* iii. 631. M. tardigradus, *Harr. Ex.* 46, *pl.* 11, *f.* 6. Stratiomys hypoleon, *Schrank. Faun. Boic.* 3, 96, 2385? *Fabr. Syst. Antl.* 85, 29? Oxycera pulchella, *Meig. Dipt.* iii. 125, 2, *pl.* 25, *f.* 20. *Macq. Dipt. Nord.* 118, 2. *Hist. Nat. Dipt.* i. 249, 1. O. hypoleon, *Meig. Klass. Zweif.* i. 137, 1, *pl.* 8, *f.* 3.
a. England.
b. ———? From Mr. Children's collection.

Oxycera trilineata, *Latr. Gen. Crust.* iv. 278. *Meig. Dipt.* iii. 126, 3. *Macq. Hist. Nat. Dipt.* i. 250, 3. Musca pantherina, *Linn. Faun. Suec.* 1783. M. trilineata, *Linn. Syst. Nat.* ii. 980. *Gmel. Ed. Syst. Nat.* v. 2835, 6. *Don. Brit. Ins.* v. 25, *pl.* 151, *f.* 5. *Stew. El.* ii. 256. *Turt.* iii. 630. M. &c., *Geoff. Ins.* ii. 482, 7. Stratiomys trilineata, *Fabr. Sp. Ins.* ii. 418, 9. *Ent. Syst.* iv. 267, 19. *Syst. Antl.* 85, 28. *Schrank. Faun. Boic.* iii. 2386. *Perty. Faun. Germ.* i. 13. *Fall. Stratiom.* ii. 8.
a. England.
b. France.
c. France. Presented by F. Walker, Esq.

Oxycera muscaria, *Meig. Dipt.* iii. 126, 4. *Macq. Hist. Nat. Dipt.* i. 251, 6. Stratiomys muscaria, *Fabr. Ent. Syst.* iv. 268, 21. *Syst. Antl.* 86, 31. *Panz. Faun. Germ.* cviii. 15, 16.
a. England. Presented by J. C. Dale, Esq.
b. France.

Oxycera formosa, *Wiedemann*, *Meig. Dipt.* iii. 127, 5. *Macq. Hist. Nat. Dipt.* i. 250, 4.
a. England. Presented by J. C. Dale, Esq.

Oxycera pygmæa, *Meig. Dipt.* iii. 129, 7. Stratiomys pygmæa, *Fall. Stratiom.* 11, 9.
a. England. Presented by J. C. Dale, Esq.

Oxycera terminata, *Meig. Dipt.* iii. 130, 9.
a. England. Presented by J. C. Dale, Esq.

Oxycera analis, *Meig. Dipt.* iii. 130, 10.
a. England. Presented by J. C. Dale, Esq.

OXYCERA Liburna, n. s., mas. *Nigro-cyanea, scutello quadridentato, antennis pedibusque nigris, genubus tarsisque fulvis, alis limpidis.*

Body very dark blue: head nearly as broad as the chest: eyes bright red: mouth and feelers black; bristle of the latter nearly as long as all the preceding joints: scutcheon armed with four teeth: legs black; knees and feet tawny: wings colourless; wing-ribs and veins tawny, some of the latter piceous; poisers tawny. Length of the body 2½ lines; of the wing 5—6 lines.

a. Jamaica. From Mr. Gosse's collection.

STRATIOMYS, *Geoffroy.*

STRATIOMYS chamæleon, *Fabr. Sp. Ins.* ii. 416, 1. *Ent. Syst.* iv. 263, 3. *Syst. Antl.* 77, 1. *Schæff. Icon. pl.* 59, *f.* 3. *Schrank. Faun. Boic.* iii. 2376. *Ins. Austr.* 886. *Panz. Faun. Germ.* viii. 24. *Latr. Gen. Crust.* iv. 274. *Cons. Gén.* 442. *Fall. Stratiom.* 7, 1. *Meig. Klass. Zweif.* i. 126, 4, *pl.* 7, *f.* 19. *Dipt.* iii. 134, 1. *Macq. Hist. Nat. Dipt.* i. 243, 1. Musca chamæleon, *Linn. Faun. Suec.* 1780. *Gmel. Ed. Syst. Nat.* v. 2833, 3. *Deg. Ins.* vi. 64, 1. *Berk. Syn.* i. 162. *Don. Brit. Ins.* i. 67, *pl.* 31, *f.* 1, *pl.* 35. *Stew. El.* ii. 256. *Turt.* iii. 628. *Shaw, Gen. Zool.* vi. 379, *pl.* 105. Musca, &c., *Geoff. Ins.* ii. 479, 1. Stratiomys nigrodentata, *Meig. Klass. Zweif.* i. 127, 5, *pl.* 7, *f.* 19.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

STRATIOMYS Potamida, *Meig. Dipt.* iii. 136, 3. *Macq. Hist. Nat. Dipt.* i. 243, 2, *pl.* 6, *f.* 4. S. chamæleon, mas., *Meig. Klass. Zweif.* i. 126, 4, *pl.* 7, *f.* 18.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

STRATIOMYS furcata, *Fabr. Ent. Syst.* iv. 264, 5. *Syst. Antl.* 78, 3. *Meig. Dipt.* iii. 138, 5, *pl.* 26, *f.* 12. *Macq. Hist. Nat. Dipt.* i. 244, 5. S. panthaleon, *Fall. Stratiom.* 7, 2. Musca singularius? *Harr. Ex.* 45, *pl.* 11, *f.* 3.

a. England.
b. France.

STRATIOMYS strigata, *Fabr. Sp. Ins.* ii. 417, 4. *Ent. Syst.* iv. 265, 10. *Syst. Antl.* 80, 9. *Schæff. Icon. pl.* 14, *f.* 10. *Schrank. Faun. Boic.* iii. 2377. *Panz. Faun. Germ.* xii. 20. *Latr. Gen. Crust.* iv. 274. *Meig. Dipt.* iii. 139, 7. *Macq. Hist. Nat. Dipt.* i. 244, 7. S. thoracica, *Fabr. Syst. Antl.* 79, 7. S. villosa, *Meig. Klass. Zweif.* i. 125, 1. S. nubeculosa, *Meig. Klass. Zweif.* i. 125, 3. Musca strigata, *Gmel. Ed. Syst. Nat.* v. 2834, 153. Musca, &c., *Geoff. Ins.* ii. 480, 2. Hirtea longicornis, *Scop. Ent. Carn.* 999.

a. England.
b. France.
c. Albania. Presented by W. W. Saunders, Esq.

STRATIOMYS annulata, *Megerle. Meig. Dipt.* iii. 143, 11.
a. Tunis. From Mr. Fraser's collection.

STRATIOMYS Badius, n. s., mas. et fem. *Nigra, capite maculis duabus flavis*, fem. *fulvo scutelli margine fulvo, abdominis fasciis lateribus vittaque apicali flavis antennis nigris, pedibus flavis, femoribus nigris, alis fuscis.*

Male.—Body black: head nearly as broad as the chest, thickly clothed beneath and in front with pale tawny hairs, beset between the eyes with black hairs: a large yellow spot on each side of the front: eyes black; facets of the lower part of the front much smaller than those of the other part, the passage from the facets of one size to those of the other is abrupt and strongly marked: mouth and feelers black: chest and breast clothed with tawny hairs: hind border of the scutcheon tawny, armed with two pale ferruginous teeth with black tips: abdomen nearly oval, a little broader and longer than the chest, clothed above with short black hairs, beneath and at the tip with short tawny hairs: sides and hind borders of the segments yellow; two of these bands are interrupted, and there is a short yellow stripe at the tip of the abdomen: legs pale tawny, clothed with tawny hairs; hips, thighs, and tips of claws black: wings brown, darker along the fore borders; wing-ribs piceous; veins and poisers ferruginous. *Fem.*—Head tawny; crown black, with a yellow spot on each side: only one band of the abdomen interrupted. Length of the body 5—6 lines; of the wings 10—12 lines.

a. New Holland. Presented by the Entomological Club.

STRATIOMYS ischiaca, *Harris, Catalogue Ins. Massachusetts.* Fem. *Nigra, capite fulvo maculis nigris, scutello fulvo, abdominis fasciis lateribus vittaque apicali fulvis, antennis nigris, pedibus fulvis, femoribus nigro maculatis, alis fuscis.*

Body black: head tawny, nearly as broad as the chest, clothed with pale yellow hairs; crown adorned with a black stripe and two

black bands: eyes black, convex; facets very small; those along the side borders rather larger: mouth and feelers black: chest clothed with pale tawny hairs, adorned with two indistinct whitish stripes; scutcheon tawny, armed with two tawny teeth; breast and underside with short tawny hairs, adorned with a short tawny stripe at its tip; sides and hind borders of the segments tawny; first band interrupted above: legs tawny, clothed with short tawny hairs; thighs with a black spot on each side; claws black: wings brown, darker along the fore borders; wing-ribs piceous; veins ferruginous; poisers tawny, with apple-green knobs. Length of the body 6 lines; of the wings 11 lines.

a. United States. Presented by the Entomological Club.

STRATIOMYS norma, *Wied. Auss. Zweif.* ii. 62, 3.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.

STRATIOMYS Barca, n. s., mas. *Nigra, scutelli dentibus duabus fulvis apice nigris, abdominis fasciis fulvis supra interruptis vittaque apicali fulva, antennis pedibusque nigris, tibiis piceis, tarsis fulvis, alis fusco-fulvis.*

Body black: head narrower than the chest, thickly clothed in front and beneath with golden hairs: eyes piceous, thin, facets very small; those of the fore part larger: mouth black, clothed with short pale tawny hairs: feelers black, full twice the length of the head: chest finely punctured, clothed with short ferruginous hairs; breast clothed with pale tawny hairs; scutcheon armed with two tawny teeth, whose tips are black: abdomen rather thick, clothed with tawny hairs, a little broader and longer than the chest; hind borders of the segments tawny beneath, and on each side above: a short tawny stripe on the tip of the abdomen: legs clothed with tawny hairs; hips and thighs black; shanks piceous; knees and feet tawny: wings brownish tawny; wing-ribs and fore border veins piceous; other veins and poisers tawny. *Fem.*—Head clothed with whitish hairs: chest clothed with pale tawny hairs; hind border and teeth of the scutcheon tawny: shanks tawny. Length of the body 5—6 lines; of the wings 9—10 lines.

a. China. Presented by G. T. Lay, Esq.

STRATIOMYS Nymphis, n. s., mas. *Nigra, scutello flavo, abdominis fasciis fulvis supra interruptis, antennis nigris, pedibus fulvis, femoribus nigris, alis limpidis.*

Body black: head nearly as broad as the chest, thickly clothed beneath with pale yellow hairs: eyes bronze-black; facets small,

those of a little part on each side very small: mouth and feelers black, the latter a little longer than the head; tip of the second joint piceous: chest and breast clothed with pale yellow hairs; scutcheon yellow, armed with two yellow teeth, whose tips are ferruginous: abdomen a little broader, but hardly longer than the chest, thinly clothed with short pale yellow hairs; hind border of each segment adorned above with a broad short tawny band on each side, and beneath with an entire band; tip tawny: legs tawny, clothed with short yellow hairs; hips and thighs black; tips of the latter tawny: wings colourless, slightly tawny along the fore borders; wing-ribs, fore border-veins, and cross-veins tawny; the other veins yellow; poisers tawny. *Fem.*—Head tawny; crown black. Length of the body 5—6 lines; of the wings 9—11 lines.

Var. *β*. *Fem.*—Thighs tawny, each adorned with two black bands.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

STRATIOMYS nigrifrons, n. s., mas. *Nigra, scutelli margine postico flavo, abdominis lateribus maculisque ad apicem duabus flavis, ventris fasciis flavis, antennis pedibusque nigris, tibiis apice tarsisque fulvis, alis fuscis.*

Body black: head as broad as the chest, clothed with tawny hairs: eyes black; a small part on each side composed of very small facets: mouth and feelers black: chest and breast clothed with dark tawny hairs; hind border of the scutcheon yellow, armed with two tawny spines: abdomen nearly oval, a little broader and longer than the chest, thinly clothed with short tawny hairs, yellow on each side, and adorned with a yellow spot on each of the two last segments; hind border of each segment on the underside adorned with a yellow stripe, which is widened in the middle: legs black, clothed with short tawny hairs; shanks tawny towards the base; feet tawny; hind shanks tawny, with two black bands: wings brown; wing-ribs piceous; veins ferruginous; poisers tawny, with apple-green knobs. *Fem.*—All the facets of she eyes very small: hind border of the scutcheon tawny: sides and hind borders of the segments of the abdomen tawny, its upper side also adorned with a short tawny stripe at the tip, and with a large tawny spot on each side of the base: feet piceous above; claws black, tawny at the base; knobs of poisers tawny. Length of the body 6—6½ lines; of the wings 10—11 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

STRATIOMYS Meigenii, *Wied. Auss. Zweif.* ii. 61, 2, *pl.* 8, *f.* 7.
a. New York. Presented by E. Doubleday, Esq.

ODONTOMYIA, *Latreille.*

ODONTOMYIA pulchra, *Wied. Anal. Ent.* 28, 32. *Auss. Zweif.* ii. 65, 6, *pl.* 8, *f.* 5, *a*, *b*.
a. Brazil. Presented by Sir C. Stewart.
b. ———?

ODONTOMYIA vertebrata, *Say*, *Long's Exped.* 369. Stratiomys vertebrata, *Wied. Auss. Zweif.* i. 73, 20.
a. Nova Scotia. From Lieut. Redman's collection.

ODONTOMYIA microleon, *Latr. Gen. Crust.* iv. 274. *Fall. Stratiom.* 8, 3. Musca microleon, *Linn. Faun. Suec.* 178, 1. *Gmel. Ed. Syst. Nat.* v. 2834, 4. *Deg. Ins.* vi. 64, 2, *pl.* 9, *f.* 1, 2. *Schrank. Ins. Austr.* 887. Stratiomys microleon, *Fabr. Sp. Ins.* 417, 3. *Ent. Syst.* iv. 265, 9. *Syst. Antl.* 80, 8. *Meig. Dipt.* iii. 140, 8.
a. England.

ODONTOMYIA Garatas, n. s., fem. *Cinerea, capite fulvo subtus flavo, scutello flavo bidentato, abdomine flavo fasciato, antennis piceis basi fulvis, pedibus fulvis, alis albidis.*

Head tawny, nearly as broad as the chest, yellow beneath; front prominent; eyes piceous; facets very small: mouth black, hairy: feelers piceous; first and second joints tawny: chest and breast gray, clothed with short bright tawny hairs; scutcheon yellow, armed with two short teeth: abdomen yellow, broader, but hardly longer than the chest; fore border of each segment adorned with a broad black band, whose hind border is angular, and differs from those of the other bands: legs tawny; feet pitchy towards the tips: wings whitish; wing-ribs, veins, and poisers tawny. Length of the body $4\frac{1}{2}$—$5\frac{1}{2}$ lines; of the wings 7—9 lines.

a. China. Presented by G. T. Lay, Esq.

ODONTOMYIA Lutatius, n. s., fem. *Nigra, capite subtus fulvo, scutelli margine postico fulvo bidentato, abdomine ferrugineo, antennis rufis, pedibus fulvis, alis albidis.*

Body black, clothed with short golden hairs: head full as broad as the chest; front and underside tawny: eyes piceous; facets very small: mouth black: feelers pale red; tips piceous: scutcheon hairless; hind border tawny, armed with two short teeth:

abdomen pale ferruginous, a little broader, but not longer than the chest: legs tawny; hips mostly black; tips of feet piceous: wings whitish; wing-ribs, veins, and poisers tawny. Length of the body 5 lines; of the wings 9 lines.

a. ——— ?

ODONTOMYIA Ialemus, n. s., mas. *Nigra, capite fulvo, scutelli margine postico fulvo bidentato, abdomine flavo, vitta lata dorsali nigra, antennis rufis apice nigris, pedibus fulvis, alis albidis.*

Head tawny, full as broad as the chest, clothed beneath with white hairs; hypostoma pale yellow: eyes reddish bronze, convex, their facets of moderate size; small part in front flat, composed of very small facets: mouth black: feelers pale red, with black tips: chest and breast black, thickly clothed with tawny hairs; hind border of the scutcheon tawny, armed with two tawny teeth: abdomen yellow, a little broader, but not longer than the chest, clothed with short shining white hairs; a very broad black stripe occupies most of the disk of the back: legs tawny; thighs clothed with white hairs; feet piceous towards the tips: wings whitish; wing-ribs and veins tawny; poisers tawny, with apple-green knobs. Length of the body 4½—5 lines; of the wings 8—9 lines.

a. Van Dieman's Land. Presented by the Rev. T. Ewing.

ODONTOMYIA Hydrodromia, *Macq. Hist. Nat. Dipt.* i. 247, 7. Stratiomys Hydrodromia, *Meig. Dipt.* iii. 146, 15.

a. ——— ?

b. ——— ?

ODONTOMYIA Balius, n. s., mas. et fem. *Nigra, abdominis lateribus albo trifasciatis, apice albo, antennis pedibusque nigris, alis subcinereis ad costam subfuscis.*

Body black: head and chest thickly clothed with pale dull tawny hairs: mouth, feelers and eyes black, the latter very hairy: abdomen hardly longer than broad, a little longer and much broader than the chest, more thinly clothed with shorter and brighter tawny hairs, adorned with three white cross streaks on each side of the hind borders of the segments, and with a white tip; underside black: legs black, clothed with pale short tawny hairs; feet covered beneath with ferruginous hairs; foot-cushions pale tawny; claws red, with black tips: wings slightly gray, tinged with brown along the fore borders for more than half the length; wing-ribs pitchy; veins tawny; poisers white. Length of the body 4—4½ lines; of the wings 8—9 lines.

a. Albania. Presented by W. W. Saunders, Esq.

b. France.

c. ——— ?

ODONTOMYIA pallipes, *Fabr. Ent. Syst.* iv. 265, 12. *Syst. Antl.* 81, 13. *Wied. Auss. Zweif.* i. 76, 26.
a. New York. Presented by the Entomological Club.
b. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

ODONTOMYIA intermedia, *Wied. Auss. Zweif.* i. 64, 5.
a. New York. Presented by the Entomological Club.
b. Trenton Falls. Presented by E. Doubleday, Esq.
c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
d. Nova Scotia. From Lieut. Redman's collection.

ODONTOMYIA argentata, *Fabr. Ent. Syst.* iv. 266, 15. *Syst. Antl.* 82, 17. *Panz. Faun. Germ.* lxxi. 20, cviii. 10. *Fall. Stratiom.* 95. *Meig. Dipt.* iii. 141, 9. *Macq. Hist. Nat. Dipt.* i. 246, 4, *pl.* 6, *f.* 5. *Latr. Gen. Crust.* iv. *Meig. Klass. Zweif.* i. 131, *a.*
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

ODONTOMYIA splendens. Stratiomys splendens, *Fabr. Ent. Syst.* iv. 264, 4. *Syst. Antl.* 78, 2. *Coq. Ill.* 116, *pl.* 26, *f.* 2. *Meig. Klass. Zweif.* i. 127, *a.* *Dipt.* iii. 142, 10.
a. ——— ? From Mr. Children's collection.

ODONTOMYIA tigrina, *Macq. Hist. Nat. Dipt.* i. 246, 6. Stratiomys tigrina, *Fabr. Sp. Ins.* ii. 417, 6. *Ent. Syst.* iv. 267, 16. *Syst. Antl.* 82, 18. *Schrank. Faun. Boic.* iii. 2381. *Panz. Faun. Germ.* lviii. 20. *Meig. Dipt.* iii. 152, 22. Musca tigrina, *Gmel. Ed. Syst. Nat.* v. 2835, 157. Musca, &c., *Geoff. Ins.* ii. 481, 5. Odontomyia tigrina, *Latr. Gen. Crust.* iv. 275. *Meig. Klass. Zweif.* i. 130, 3. Stratiomys nigrita, *Fall. Stratiom.* 9, 4.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

ODONTOMYIA ornata. O. furcata, *Meig. Klass. Zweif.* i. 129, 1. *Latr. Gen. Crust.* iv. 275. *Reaum. Ins.* iv. *pl.* 24, *f.* 4—7. *Rösel. Ins.* ii. *Musc. pl.* 5 ? Stratiomys ornata, *Meig. Dipt.* iii. 144, 13.
a. England.

ODONTOMYIA Hydroleon, *Meig. Klass. Zweif.* i. 131, *c.* *Latr. Gen. Crust.* iv. 275. *Macq. Hist. Nat. Dipt.* i. 247, 9. O. angulata, *Meig. Klass. Zweif.* i. 133, *h.* Musca Hydroleon, *Linn. Faun. Suec.* 1782. *Gmel. Ed. Syst. Nat.* v. 2835, 5. *Deg. Ins.* vi. 65, 3, *pl.* 9, *f.* 4. *Geoff. Ins.* ii. 481, 4. *Schell. Gen. Mouch. pl.* 24, *f.* 3. *Schrank, Faun. Boic.* iii. 2382. *Ins. Austr.* 888. Stratiomys Hydroleon, *Sp. Ins.* ii. 417, 7. *Ent. Syst.* iv. 267, 17. *Syst. Antl.* 82, 19. *Fall. Stratiom.* 84. *Panz. Faun. Germ.* vii. 21. *Meig. Dipt.* iii. 148, 17. S. angulata, *Panz. Faun. Germ.* lviii. 19.

a. England.
b. ——— ?

ODONTOMYIA viridula, *Latr. Gen. Crust.* iv. 275. *Cons. Gén.* 442. *Meig. Klass. Zweif.* i. 133, *g.* *Macq. Hist. Nat. Dipt.* i. 247, 10. Stratiomys viridula, *Fabr. Sp. Ins.* ii. 418, 8. *Ent. Syst.* iv. 267, 18. *Syst. Antl.* 84, 25. *Panz. Faun. Germ.* lviii. 18. *Schrank. Faun. Boic.* iii. 238. *Fall. Stratiom.* 10, 6. *Meig. Dipt.* iii. 149. S. marginata, *Fabr. Syst. Antl.* 84, 27. S. canina, *Panz. Faun. Germ.* lviii. 18. Musca viridula, *Gmel. Ed. Syst. Nat.* v. 2835, 158. *Schæff. Icon. pl.* 14, *f.* 14. Odontomyia dentata, *Meig. Klass. Zweif.* i. 130, 2. O. canina, *Meig. Klass. Zweif.* i. 132, *e.*

a. England.
b. France.
c. Ukraine. Presented by Dr. Dowler.
d. ——— ? From Mr. Children's collection.

ODONTOMYIA Amyris, n. s. *Niger, capite subtus pectoreque fulvis, scutello flavo bidentato, abdominis lateribus ventreque flavis, antennis fulvis apice piceis, pedibus fulvis, alis limpidis.*

Body black: head tawny beneath, full as broad as the chest, metallic green on each side behind the eyes: eyes bright red: mouth black: feelers piceous, tawny beneath; first and second joints tawny; bristle black: chest clothed with short tawny hairs; breast tawny; scutcheon yellow, armed with two short yellow teeth: abdomen black, rather longer than broad, wider and a little longer than the chest; sides and underside yellow: legs tawny: wings colourless; wing-ribs, fore borders, veins, and poisers tawny. Length of the body 3½ lines; of the wings 6 lines.

a. New Holland. Presented by the Haslar Hospital.

ODONTOMYIA dorsalis, *White, Zool. Voy. Erebus and Terror.* Fem. *Nigra, capite piceo, pectore fulvo, scutello viridi, abdominis lateribus viridibus, antennis piceis, pedibus fulvis, alis albidis.*

Head piceous, and clothed with short tawny hairs above, green in front and beneath: eyes piceous: mouth black: feelers piceous: chest black: breast tawny; scutcheon apple-green, unarmed: abdomen black, broader, but not longer than the chest; sides green, of a deeper hue than that of the scutcheon: legs tawny: wings whitish; wing-ribs tawny; veins yellow; poisers tawny, with green knobs. Length of the body 3 lines; of the wings 6 lines.

a. New Zealand. Presented by Dr. Sinclair.

ODONTOMYIA Paron, n. s., mas. *Nigra,* (mas.) *aut nigro-ænea* (fem.) *scutelli dentibus duabus fulvis, abdominis lateribus ventreque fulvis aut flavis aut viridibus, antennis nigris basi rufis, pedibus fulvis, alis albidis.*

Male.—Body black: head as broad as the chest, clothed in front with short whitish hairs, red about the feelers: eyes reddish bronze; facets of the fore part larger than those elsewhere: mouth black: feelers black, red at the base: chest and breast thickly clothed with tawny hairs: scutcheon armed with two tawny teeth: sides and underside of abdomen tawny, sometimes yellow and tinged with green: legs tawny; wings whitish; wing-ribs tawny; veins yellow; poisers tawny, with apple-green knobs. *Fem.*—Head and chest bronzed: head black about the base of the feelers. Length of the body 3 lines; of the wings 6 lines.

a. New York Presented by the Entomological Club.
b. New York. Presented by E. Doubleday, Esq.
c. Trenton Falls. Presented by E. Doubleday, Esq.

ODONTOMYIA maculifrons, n. s. *Niger, capite viridi, nigro maculato, thorace pectoreque flavo-marginatis, scutello viridi dentibus duabus flavis armato, abdomine flavo, disco nigro, antennis fulvis apice piceis, pedibus flavis, femoribus nigro fasciatis, alis limpidis.*

Head apple-green, full as broad as the chest, smooth, shining, adorned with five pair of black marks; first pair forming a short band on each side of the eyelets; second pair forming more slender curved bands; third and fifth pair forming four dots; fourth pair forming two larger spots: eyes and eyelets piceous, the former with a band across the middle: mouth black: feelers piceous, longer than the head; first and second joints tawny, long; first joint shining; third and following joints short: chest black, clothed with

tawny hairs, adorned on each side with a yellow stripe, which is narrow in front; breast black; sides yellow; scutcheon apple-green, armed with two short pale yellow teeth: abdomen yellow, nearly as broad as long, wider, but not longer than the chest, yellow, clothed with long pale yellow hairs; disk black above, especially on the hinder part: legs yellow; hips black; a black band on each thigh: wings colourless; wing-ribs, veins, and poisers yellow. Length of the body $2\frac{1}{2}$ lines; of the wings 4 lines.

a. Honduras. From Mr. Dyson's collection.

Fam. XIV. Syrphici.

Group I.

Ceria conopsoides, *Meig. Dipt.* iii. 160, 2, *pl.* 26, *f.* 22—25. *Curt. Brit. Ent.* 186. *Macq. Hist. Nat. Dipt.* i. 484, 1, *pl.* 11, *f.* 1. *Dufour. Ann. Soc. Ent. France*, 2*de série*, v. 19, *pl.* 1, *f.* 1—6. Musca conopsoides, *Linn. Syst. Nat. Ed.* xii. 982, 21. *Faun. Suec.* 1790. *Schell. Gen. Mouch. pl.* 23, *f.* 1, *a*, *b*. Ceria clavicornis, *Fabr. Ent. Syst.* iv. 277, 1. *Suppl.* 557, 1. *Syst. Antl.* 173. *Latr. Gen. Crust.* iv. 328. *Cons. Gén.* 443. *Meig. Klass. Zweif.* i. 282, 1, *pl.* 14, *f.* 10, 12. *Fall. Syrph.* 6. Syrphus conopseus, *Panz. Faun. Germ.* xliv. 20. Conops vaginicornis, *Schrank*, *Faun. Boic.* iii. 2561.

a. England.
b. France.

Ceria Daphnæus, n. s., fem. *Ferruginea, flavo fasciata, nigroque varia, pedibus fulvis, femoribus nigris, alis dimidio costali fulvis.*

Head tawny, smooth, shining, a little broader than the chest: eyes red: united part of the feelers piceous, tawny at the base: chest ferruginous, adorned with yellow bands, of which one is in front of the wings, the other is across the scutcheon: there is also a yellow spot on each side in front; hind part of the chest, including the scutcheon, black: breast black, with a very large yellow spot on each side: abdomen ferruginous, elliptical, much longer but not broader than the chest, contracted at the base, which is black, with a yellow band; hind borders of the segments yellow, edged with pitch-colour: legs tawny; hips and thighs black, tips of the latter tawny: wings tawny for more than half the breadth from the fore borders and along the whole length; hind part colourless;

wing-ribs and veins tawny; poisers yellow. Length of the body 7 lines; of the wings 12 lines.

a. Jamaica. From Mr. Gosse's collection.

CERIA intricata, *Saunders, Trans. Ent. Soc. Lond.* iv. 64, 1, *pl.* 4, *f.* 2.

a. Albania. Presented by W. W. Saunders, Esq.

CERIA ornata, *Saunders, Trans. Ent. Soc. Lond.* iv. 64, 2, *pl.* 4, *f.* 3.

a. North West Coast of New Holland. Presented by J. Hunter, Esq.

Group II.

CERIA Eumenioides, *Saunders, Trans. Ent. Soc. Lond.* iii. 60, *pl.* 5, *f.* 6.

a. North Bengal. Presented by W. W. Saunders, Esq.

MICRODON, *Illiger.*

Group I.

MICRODON fulgens, *Wied. Auss. Zweif.* ii. 82, 1, *m.* M. euglossoides, *G. R. Gray, Griff. Anim. Kingd. Ins.* ii. *pl.* 125, *f.* 2.

a. Georgia. From Mr. Abbot's collection.

MICRODON stilboides, n. s., fem. *Viridis micans, cyaneo purpureo æneoque varius, antennis nigris, pedibus purpureis, alis fuscis.*

Body bright emerald green, punctured: head adorned with blue and purple on the crown, thinly clothed in front with short whitish hairs: mouth and feelers black: eyes red; facets on the fore part of the crown larger than those elsewhere: chest clothed with short black hairs, slightly coppery in front, tinged with blue and purple behind; scutcheon truncate; hind angles slightly projecting: abdomen very slightly furrowed across the back, longer and broader than the chest, blue and purple towards the base, coppery, and with two impressions towards the tip: legs purple, clothed with short black hairs; claws black; foot-cushions tawny: wings brown, darker along the fore borders; wing-ribs blue; veins black; poisers yellow. Length of the body 6 lines; of the wings 12 lines.

a. East Indies. From Archdeacon Clerk's collection.

Group II.

MICRODON apiformis, *Meig. Dipt.* iii. 163, 1. *Curt. Brit. Ent. pl.* 70. *Zett. Ins. Lapp.* 589, 1. *Wissmann, Ent. Stetttin*, ix. 1848, 79, xi. M. mutabilis, *Linn. Syst. Nat.* ii. 985. *Faun. Suec.* 1807. M. apiformis, *Deg. Ins.* vi. 56, 18, *pl.* 7, *f.* 18—20. *Schell. Gen. Mouch. pl.* 22, *f.* 1. M. nova, *Schrank. Ins. Austr.* 889. Mulio apiarius, *Fabr. Syst. Antl.* 185, 9. M. mutabilis, *Panz. Faun. Germ.* lxxxii. 21. Stratiomys pigra, *Schrank. Faun. Boic.* iii. 2387. Aphritis aureo-pubescens, *Latr. Gen. Crust.* iv. *pl.* 16, *f.* 7, 8. *Cons. Gén.* 443. Microdon mutabilis, *Fall. Syrph.* 4, 1. *Elditt. Ent. Zeit. Stett.* vi. 384, *pl.* 1, *f.* 6—14. Aphritis apiformis, *Macq. Hist. Nat. Dipt.* i. 486, 1.

a. England.
b. France.

Some of the synonyms of this and the following species are uncertain.

MICRODON mutabilis, *Meig. Dipt.* iii. 164, 2. Musca mutabilis, *Linn. Faun. Suec.* 1807. *Gmel. Ed. Syst. Nat.* v. 2842, 40. M. plebeia, *Schrank. Ins. Austr.* 890. Syrphus mutabilis, *Fabr. Sp. Ins.* ii. 428, 33. *Ent. Syst.* iv. 294, 59. Mulio mutabilis, *Fabr. Ent. Syst. Suppl.* 558, 3. *Syst. Antl.* 184, 4. Stratiomys conica, *Panz. Faun. Germ.* 12, 21.

a. England.
b. France.

MICRODON Agapenor, n. s., fem. *Piceus, capite abdominisque basi ferrugineis, antennis piceis basi ferrugineis, pedibus ferrugineis, femoribus nigris, alis cinereis, venis fulvo marginatis.*

Body stout, piceous, clothed with short tawny hairs: head ferruginous, a little narrower than the chest, clothed with short pale yellow hairs, black on the crown: eyes piceous; facets small: feelers piceous, much longer than the head, ferruginous at the base; branch ferruginous, spindle-shaped: abdomen oval, longer and broader than the chest, very finely furrowed across the back; first and second segments ferruginous: legs ferruginous, clothed with short tawny hairs; hips and thighs black; tips of the latter ferruginous: wings gray; wing-ribs and veins pitch-colour; veins bordered with brown; poisers tawny. Length of the body 4—5 lines; of the wings 8—9 lines.

a. Georgia. From Mr. Abbot's collection.
b. ———?

Group III.

MICRODON globosus, *Wied. Auss. Zweif.* ii. 86, 11. Mulio globosus, *Fabr. Syst. Antl.* 185, 9. Aphritis globosus, *Macq. Dipt. Exot.* ii. 13, 5, *pl.* 1, *f.* 4. Dimeraspis podagra, *Newman, Ent. Mag.* v. 373.

a. Illinois. Presented by E. Doubleday, Esq.

Group IV.

MICRODON varius, n. s., fem. *Flavus nonnunquam piceo maculatus, capitis disco nigro, thorace nigro, lateribus fascia scutellique margine flavis, abdomine maculis quatuor vittis duabus apiceque nigris, antennis fuscis, articulo 3o. subtus flavo, pedibus flavis, femoribus tibiisque posticis piceis, alis fusco variis.*

Body yellow, thickly clothed with short tawny hairs: disk of head black; a pitchy streak between the feelers and the mouth, which is also partly pitchy: eyes reddish brown; facets on the fore part of the crown rather larger than those elsewhere: feelers brown; third joint yellow beneath, excepting the tip; bristle tawny: chest and breast black; sides yellow; a yellow band in front of the scutcheon, whose hind border is also yellow; sides and hind part of chest armed with a few long black bristles: abdomen thickly punctured, much longer than the chest, with a black stripe along each side to the tip, which is also black, adorned with a black spot on each side of the base, and with two truncate conical black spots on the back: legs pale yellow, hairy; hind thighs towards the tips and hind shanks pitchy; tips of claws black: wings slightly gray, marked with a small brown spot on the middle of the fore border, and beyond it with two brown bands; wing-ribs tawny: veins pitchy; poisers yellow. Length of the body $1\frac{1}{2}$—2 lines; of the wings $3\frac{1}{2}$—5 lines.

Var. β. Pitchy instead of black: abdomen tawny at the tip: hind thighs and hind shanks pitchy: brown marks on the wing confused in one large spot.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

CHRYSOTOXUM, *Meigen.*

CHRYSOTOXUM bicinctum, *Latr. Gen. Crust.* iv. 327. *Cons. Gén.* 443. *Meig. Dipt.* iii. 168, 1. *Macq. Hist. Nat. Dipt.* i. 489, 1. *Zett. Ins. Lapp.* 588, 4. *Loew, Ent. Zeit. Stettin,* ii. 138,

159. *Curt. Brit. Ent.* 653, 1. Musca bicincta, *Linn. Syst. Nat.* ii. 985. *Faun. Suec.* 1805. *Gmel. Ed. Syst. Nat.* 2872, 39. *Deg. Ins.* vi. 56, 16. *Schell. Gen. Mouch. pl.* 22, *f.* 2. *Schrank. Faun. Boic.* iii. 2413. *Don. Brit. Ins.* x. 54, *pl.* 346, *f.* 2. Syrphus bicinctus, *Fabr. Sp. Ins.* ii. 427, 30. *Ent. Syst.* iv. 293, 54. *Panz. Faun. Germ.* xiv. 18. Mulio bicinctus, *Fabr. Ent. Syst. Suppl.* 557, 1. *Syst. Antl.* 183, 2. *Fall. Syrph.* 6, 3. Musca callosus, *Harr. Ex.* 61, *pl.* 15, *f.* 18.

a. England.
b. France.
c. Ukraine. Presented by Dr. Dowler.
d. ——— ? From Mr. Children's collection.
e. New Holland.

Chrysotoxum arcuatum, *Latr. Gen. Crust.* iv. 327. *Meig. Dipt.* iii. 168, 2. *Macq. Hist. Nat. Dipt.* i. 489, 2. *Zett. Ins. Lapp.* 588, 3 *Loew, Ent. Zeit. Stettin*, ii. 159. *Curt. Brit. Ent.* 653, 2. Musca arcuata, *Linn. Syst. Nat.* ii. 985. *Faun. Suec.* 1806. *Gmel. Ed. Syst. Nat.* v. 2872, 39. *Deg. Ins.* vi. 55, 15. *Schæff. Icon. pl.* 73, *f.* 8. *Geoff. Ins.* 506, 28. *Schrank. Faun. Boic.* iii. 2407. *Stew, El.* ii. 265. *Turt.* iii. 645. Syrphus arcuatus, *Fabr. Sp. Ins.* ii. 427, 31. *Ent. Syst.* iv. 293, 55. Mulio arcuatus, *Fabr. Ent. Syst. Suppl.* 558, 2. *Syst. Antl.* 184, 3. *Fall. Syrph.* 5, 2. Musca imbellis, *Harr. Ex.* 60, *pl.* 15, *f.* 16.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Chrysotoxum scutellatum, *Macq. Dipt. Nord.* 4. *Hist. Nat. Dipt.* i. 490, 4. *Loew, Ent. Zeit. Stettin*, ii. 159, 6.

a. England.

Chrysotoxum intermedium, *Meig. Dipt.* iii. 169, 3, *pl.* 27, *f.* 6. *Macq. Hist. Nat. Dipt.* i. 489, 3. *Curt. Brit. Ent.* 653, 3. Mulio arcuatus, var. fem., *Fall. Syrph.* 5, 2.

a. Albania.

Chrysotoxum fasciolatum, *Meig. Dipt.* iii. 170, 4. *Macq. Hist. Nat. Dipt.* i. 420, 5, *pl.* 11, *f.* 6. *Zett. Ins. Lapp.* 588, 2. *Loew, Ent. Zeit. Stettin*, ii. 160. *Curt. Brit. Ent.* 653, 4. Musca fasciolata, *Deg. Ins.* vi. 55, *pl.* 7, *f.* 13. Milesia vespiformis, *Fabr. Syst. Antl.* 188.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.
d. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

CHRYSOTOXUM hortense, *Meig. Dipt.* iii. 173, 8. *Loew, Ent. Zeit. Stettin*, ii. 160.
a. ——— ? From Mr. Children's collection.

CHRYSOTOXUM Baphyrus, n. s., mas. *Flavum, thoracis vittis tribus viridiæneis, abdomine fulvo, dorso ad apicem piceo, antennis fulvis apice piceis, pedibus fulvis, tibiis anticis flavis, alis limpidis.*

Head white, clothed behind with short tawny hairs, bright yellow with a tawny stripe in front: mouth pitchy; feelers tawny, pitchy towards the tips: eyes brassy red; their facets nearly alike in size: chest and breast yellow, the former adorned with three brassy green stripes; disk of the scutcheon tawny: abdomen tawny, slightly ferruginous on the disk, which has a pitchy band; the hind half of the abdomen is also mostly pitchy: legs tawny; fore shanks yellow: wings colourless; wing-ribs and poisers tawny; veins brown, tawny towards the base and along the fore borders. Length of the body 5 lines; of the wings 10 lines.

a. North Bengal. From Miss Campbell's collection.

CHRYSOTOXUM derivatum, n. s., mas. *Nigrum, capite flavo vittis duabus nigris, thoracis lateribus flavo variis, scutello fusco basi flavo, abdominis vittis tribus interruptis duabusque integris flavis, apice maculis tribus flavis ornato, pedibus flavis femoribus nigris, alis subcinereis ad costam fuscis.*

Body black: head yellow, as broad as the chest, clothed beneath with tawny hairs, adorned with a black stripe in front: eyes dark reddish bronze, downy; facets very small: mouth and feelers black: chest clothed with black hairs, adorned with an interrupted yellow stripe on each side; sides of the breast also varied with yellow: scutcheon brown, with a yellow band on the fore border: abdomen nearly oval, a little longer and broader than the chest, adorned with five yellow arched bands, of which the first, the second and the fourth are slightly interrupted, the third and the fifth are whole; there are also three large yellow spots at the tip of the abdomen: legs yellow, clothed with short tawny hairs; hips and thighs black, the latter yellow towards the tips: wings slightly gray, brown along the fore borders; wing-ribs and veins piceous; poisers tawny. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

CHRYSOTOXUM erraticum, n. s., fem. *Nigrum, fulvo hirtum, antennis nigris basi fulvis, pedibus fulvis, alis limpidis ad costam subfulvis.*

Body black, thickly clothed with short tawny hairs: head as broad as the chest: eyes dark red, very downy; facets very small, of equal size: mouth and feelers black; first joint of the latter tawny, with a black tip: abdomen oval, very little broader and longer than the chest: legs tawny; thighs clothed with yellow hairs: wings colourless, slightly tawny along the fore borders; wing-ribs, veins and poisers tawny. Length of the body 4½ lines; of the wings 11 lines.

a. ——— ?

PSARUS, *Latreille.*

Group I.

PSARUS abdominalis, *Fabr. Syst. Antl.* 211, 1. *Latr. Gen. Crust.* iv. 326. *Cons. Gén.* 443. *Meig. Dipt.* iii. 174, 1, *pl.* 27, *f.* 12. *Macq. Hist. Nat. Dipt.* i. 490, 1. Musca, &c., *Geoff. Ins.* ii. 519, 50. Syrphus abdominalis, *Fabr. Ent. Syst.* iv. 307, 108. Ceria abdominalis, *Fabr. Ent. Syst. Suppl.* 557, 2.

a. England.
b. France.

Group II. Mixtemyia, *Macquart.*

PSARUS quadrifasciatus, *Wied. Auss. Zweif.* ii. 91, 2. Paragus quadrifasciatus, *Say, Long's Exped.* ii. *Append.* 377. Mixtemyia quadrifasciata, *Macq. Hist. Nat. Dipt.* i. 491, 1. *pl.* 11, *f.* 8.

a. United States. Presented by the Entomological Club.

PARAGUS, *Latreille.*

PARAGUS bicolor, *Latr. Gen. Crust.* iv. 326. *Cons. Gén.* 443. *Meig. Dipt.* iii. 178, 2. *Macq. Hist. Nat. Dipt.* i. 565, 2, *pl.* 12, *f.* 17. Musca melanochrysa, *Gmel. Ed. Syst. Nat.* v. 2879, 374. Musca, &c., *Geoff. Ins.* ii. 520, 51. Mulio bicolor, *Fabr. Suppl.* 559, 8. *Syst. Antl.* 186, 10. Syrphus bicolor, *Fabr. Ent. Syst.* iv. 297, 71.

a. England.

Paragus arcuatus, *Meig. Dipt.* iii. 179, 3, *pl.* 27, *f.* 20, 21. *Macq. Hist. Nat. Dipt.* i. 565, 3.
a. England.
b. ——— ?

Paragus testaceus, *Meig. Dipt.* iii. 180, 6. *Macq. Hist. Nat. Dipt.* i. 566, 6.
a. England.
b. France.

Paragus albifrons, *Meig. Dipt.* iii. 181, 8. *Macq. Hist. Nat. Dipt.* i. 566, 9. P. thymiastri, *Latr. Gen. Crust.* iv. 326. *Cons. Gén.* 443. Syrphus thymiastri, *Panz. Faun. Germ.* ix. 12. Pipiza albifrons, *Fall. Syrph.* 60, 6.
a. France.

Paragus tibialis, *Meig. Dipt.* iii. 183, 13. *Macq. Hist. Nat. Dipt.* i. 567, 14. Pipiza tibialis, *Fall. Syrph.* 60, 5.
a. England.

Paragus femoratus, *Megerle*, *Meig. Dipt.* iii. 184, 14.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Paragus obscurus, *Megerle*, *Meig. Dipt.* iii. 183, 12. *Curt. Brit. Ent.* 593, 4.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Paragus transatlanticus, n. s., fem. *Niger abdominis lateribus cano maculatis, antennis pedibusque nigris, tarsis et nonnunquam tibiis fulvis, alis limpidis.*

Body black, shining: head clothed with very short hoary hairs: mouth tawny: eyes dark red, downy; facets very small: feelers black; bristle tawny: chest and breast clothed with very short tawny hairs: abdomen a little broader than the chest, much less than twice its length: sides of the segments adorned with large spots of hoary bloom: legs black, thinly clothed with short tawny hairs; knees and feet bright tawny, tips of the latter black; foot-cushions tawny; first joint of the hind feet black, with a tawny tip; four front shanks tawny, with a black band on each: wings colourless: wing-ribs and veins piceous, some of the latter tawny towards the base; poisers yellow. Length of the body $2\frac{1}{4}$—$2\frac{3}{4}$ lines; of the wings 4—5 lines.

Var. β. Four front shanks tawny.
Var. γ. Four front shanks black.

a. New York. Presented by the Entomological Club.
b. Trenton Falls. Presented by E. Doubleday, Esq.

PARAGUS fuscipennis, n. s., mas. *Nigro-æneus, abdomine subtus fusco, antennis fuscis, pedibus nigris, genubus ferrugineis, tarsis piceis, alis fuscis.*

Body brassy black: head clothed with whitish hairs: feelers brown; bristle tawny: eyes dark red, very downy: chest clothed with tawny hairs: abdomen clothed with short black hairs, brown beneath, a little narrower than the chest and nearly twice its length; legs black, thickly clothed with tawny hairs; knees ferruginous; feet piceous, clothed with tawny down; claws black; foot-cushions tawny: wings brown; wing-ribs and veins black; poisers tawny. Length of the body 3 lines; of the wings 4½ lines.

a. ——— ?

PARAGUS æneus, n. s., fem. *Æneus, capitis sulcis transversis, thoracis vittis quatuor cupreis, antennis fuscis, pedibus æneis, tibiis tarsisque fulvis, illis æneo fasciatis, alis subcinereis ad costam subfuscis.*

Body brassy, thinly clothed with short hoary hairs: head as broad as the chest; crown wrinkled across: eyes piceous; fore part red above: mouth black: feelers brown; bristle tawny, black towards the tip: chest adorned with four reddish coppery stripes: abdomen nearly oval, a little broader and much longer than the chest: legs ferruginous, covered with tawny down; hips and thighs brassy; a broad brassy band across each shank; feet black towards the tips: wings slightly gray, tinged with brown along the fore borders; wing-ribs and veins piceous, the latter ferruginous towards the base; cross-veins clouded with brown; poisers tawny. Length of the body 2½ lines; of the wings 5 lines.

a. Ohio. Presented by the Entomological Club.

PARAGUS latus, n. s., fem. *Niger, brevis, abdominis fascia lata flava, antennis fuscis, pedibus flavis, femoribus basi nigris, tibiis nigro fasciatis, tarsis fulvis, alis limpidis.*

Body black, shining, short and broad, thickly clothed with short tawny hairs: eyes red: mouth black: feelers brown; bristle tawny: abdomen nearly oval, broader and a little longer than the chest, adorned with a very broad yellow band across the middle: legs yellow; thighs from the base to the middle and hips black;

hind thighs black except their tips; a black band on each hind shank; feet tawny: wings colourless; wing-ribs black; veins piceous, yellow towards the base; poisers yellow. Length of the body 2 lines; of the wings 4 lines.

a. Sierra Leone. Presented by the Rev. F. W. Morgan.

Paragus Antimenes, n. s., mas. et fem. *Niger, abdominis fascia lata subinterrupta fulva, antennis nigris, pedibus fulvis, femoribus nigris, tibiis posticis nigro fasciatis, alis limpidis.*

Body black, short and broad, clothed with short tawny hairs: head as broad as the chest; front of the male yellow, of the female with a dark tawny stripe on each side: eyes piceous: mouth and feelers black: abdomen oval, a little broader and longer than the chest, adorned with a broad tawny, nearly interrupted band, which is broader in the male than in the female: legs tawny; hips and thighs black; tips of the latter tawny; a black band across each hind shank: wings colourless; wing-ribs tawny; veins black, tawny at the base; poisers tawny. Length of the body $1\frac{3}{4}$—$2\frac{1}{4}$ lines; of the wings $3\frac{1}{2}$—5 lines.

a. Isle of France.

Ascia, *Megerle.*

Ascia podagrica, *Meig. Dipt.* iii. 186, 1. *Macq. Hist. Nat. Dipt.* i. 573, 1. *Zett. Ins. Lapp.* 582, 2. Syrphus podagricus, *Fabr. Sp. Ins.* ii. 430, 43. *Ent. Syst.* iv. 299, 77. *Panz. Faun. Germ.* lix. 16. Musca podagrica, *Gmel. Ed. Syst. Nat.* v. 2873, 354. Musca, &c., *Geoff. Ins.* 517, 45? M. elongata, *Schrank, Faun. Boic.* iii. 2414. M. ichneumonea, *Schrank, Ins. Austr.* 91. M. molio, *Harr. Ex.* 111, *pl.* 33, *f.* 43. (mas.) M. tenur, *Harr. Ex.* 112, *pl.* 33, *f.* 59. Merodon podagricus, *Fabr. Syst. Antl.* 198, 10. Milesia podagrica, *Latr. Gen. Crust.* iv. 331. *Fall. Syrph.* 13, 11.

a. England.
b. France.
c. ———? From Mr. Children's collection.

Ascia globosa, n. s., fem. *Nigro-ænea, antennis fulvis basi nigris, pedibus fulvis femoribus nigris, tibiis posticis piceis, alis limpidis.*

Body brassy black, clothed with hoary down: eyes dark red: feelers dark tawny; first joint black: abdomen much broader than the chest, and nearly twice its length: legs tawny; hips and thighs

black, the latter tawny at the base and at the tips; hind shanks piceous: wings colourless; wing-ribs ferruginous; veins piceous; poisers pale yellow. Length of the body 2 lines; of the wings 4 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

Ascia Anthermus, n. s., fem. *Ferruginea, capite nigro maculato, thoracis vittis duabus fuscis, antennis pedibusque fulvis, alis limpidis, ad costam fuscis fuscoque oblique subfasciatis.*

Body ferruginous: head as broad as the chest; a black spot in front: eyes red; facets of moderate size: feelers tawny; first joint linear; second joint club-shaped, about half the length of the first; third joint spindle-shaped, much longer than the second: chest adorned with two broad dark brown stripes: abdomen rather more than twice the length of the chest, very slender for half the length, broader from thence to the tip: legs tawny, slightly covered with down: wings colourless, long and broad, brown along the fore border, whence a short and very oblique band proceeds outwards into the disk; wing-ribs tawny; veins piceous; poisers tawny. Length of the body 5—5½ lines; of the wings 11—12 lines.

a. Para. Presented by J. P. George Smith, Esq.
b. Para. Presented by Reginald Graham, Esq.

Sphegina, *Meigen.*

Sphegina clunipes, *Meig. Dipt.* iii. 194, 1, *pl.* 28, *f.* 5. *Macq. Dipt. Nord.* 17, 1, *pl.* 1, *f.* 2. *Hist. Nat. Dipt.* i. 576, 1, *pl.* 12, *f.* 21. *Zett. Ins. Lapp.* 581, 1. *Zeller, Ent. Zeit. Stettin.* iv. 302, 1. Milesia clunipes, *Fall. Syrph.* 12, 10.
a. England. Presented by F. Walker, Esq.

Baccha, *Fabricius.*

Baccha elongata, *Fabr. Syst. Antl.* 200, 6. *Fall. Syrph.* 14, 1.? *Meig. Dipt.* iii. 197, 1, *pl.* 28, *f.* 13. *Macq. Hist. Nat. Dipt.* i. 577, 1, *pl.* 12, *f.* 22. *Zett. Ins. Lapp.* 581, 1. *Curt. Brit. Ent.* 737, 1. Syrphus elongatus, *Fabr. Sp. Ins.* ii. 430, 42. *Ent. Syst.* iv. 199, 76. Musca elongata, *Gmel. Ed. Syst. Nat.* v. 2873, 353.
a. England.
b. France.

Baccha obscuripennis, *Meig. Dipt.* iii. 199, 4. *Curt. Brit. Ent.* 737, 4. Musca perexilis, *Harr. Ex.* 81, *pl.* 24, *f.* 24.
a. England.

Baccha tabida, *Meig. Dipt.* iii. 199, 5. *Macq. Hist. Nat. Dipt.* i. 578, 3. *Curt. Brit. Ent.* 737, 5.
a. England.
b. France.

Baccha varia, n. s., mas. et fem. *Ænea, capite scutellique lateribus flavis, abdominis basi maculisque quatuor flavis, antennis ferrugineis, pedibus piceis, femoribus æneis, tibiis basi fulvis, alis subcinereis.*

Body brassy: head yellow, with a brassy stripe in front: eyes red: mouth piceous: feelers ferruginous; scutcheon yellow; its disk brassy: abdomen yellow at the base, and adorned with two yellow spots on each side: legs piceous; hips and thighs brassy; shanks tawny towards the base: wings slightly gray, sometimes brown along the fore borders; wing-ribs and brands piceous; veins black; poisers yellow. Length of the body 3 lines; of the wings 5 lines.

a. ——— ? From Mr. Children's collection.

Baccha picta, *Wied. Auss. Zweif.* ii. 93, 2.
a. Congo. Presented by Sir J. Richardson.

Baccha aurinota, *Harris, Catalogue Ins. Massachusetts. Æneus, thorace postico scutelloque aureis, pectore cano, abdomine maculis sex fulvis ornato, pedibus fulvis, metapedibus piceis, alis limpidis, fusco bimaculatis.*

Head wanting: chest bronze, clothed with short pale hairs; hind part and scutcheon gold-colour: breast covered with hoary bloom: abdomen more than thrice the length of the chest, adorned with three tawny spots on each side: legs tawny; hind legs piceous, tawny on the tips of their thighs and on the base of their shanks: wings colourless; a blackish brown spot close to the base, and another much larger irregular one of the same colour beyond the middle of the fore border; this spot is narrower and paler in the disk than along the fore border, where there is a little colourless interval; wing-ribs piceous; veins black, piceous towards the base; poisers yellow, with piceous knobs. Length of the body 6 lines; of the wings 9 lines.

a. United States. Presented by the Entomological Club.

Baccha Babista, n. s., mas. *Ænea, fronte flavo, scutello ferrugineo, abdominis basi maculis quatuor apiceque ferrugineis, antennis pedibusque fulvis, femoribus posticis piceis, alis limpidis ad costam fuscis.*

Body coppery: head a little broader than the chest, yellow, with a steel blue stripe in front, clothed behind and beneath with white down: eyes red; facets small: mouth piceous: feelers tawny: chest clothed with short tawny hairs; breast steel blue, clothed with short hoary hairs; scutcheon ferruginous: abdomen adorned with a ferruginous band at the base, a ferruginous spot on each side in the middle, and with another pair of spots nearer the tip, which is dark ferruginous: legs tawny; hips steel blue; hind thighs mostly piceous: wings colourless, tinged with brown along the fore border from the base to the brand, which is dark brown; wing-ribs ferruginous; veins black; poisers tawny. Length of the body 5 lines; of the wings 8 lines.

a. Georgia. From Mr. Abbot's collection.

Baccha Tarchetius, n. s., fem. *Nigro-cyanea, fronte thoracisque maculis duabus flavis, abdomine maculis sex apiceque fulvis, antennis pedibusque fulvis, pedibus posticis fuscis, alis subcinereis ad costam fuscis.*

Body bluish black: head a little broader than the chest, white, and beset with short white hairs behind; front yellow, with a black stripe, which is shortened towards the mouth: eyes piceous, bright red in front: mouth and feelers tawny: abdomen a little more than twice the length of the chest, broader towards the base than that of *B. Babista*, adorned with three tawny spots on each side; tip also tawny: legs tawny; hind legs brown, their thighs and shanks tawny towards the base: wings slightly gray, dark brown along the fore borders for the whole length and for full one-third of the breadth; wing-ribs piceous; veins black; poisers tawny. Length of the body 4½ lines; of the wings 8 lines.

a. Georgia From Mr. Abbot's collection.

Baccha Amphithoe, n. s. *Flava, thoracis disco æneo, abdomine ferrugineo, apicem versus æneo flavoque fasciato, pedibus flavis, alis limpidis costæ basi fulvis apice fuscis.*

Head wanting: chest and breast yellow; disk of the chest bronze: abdomen ferruginous, bronze, and adorned with a yellow band towards the tip: legs yellow: wings colourless, tawny along the fore borders for half their length, brown thence to the tips:

wing-ribs tawny; veins piceous; poisers tawny. Length of the body 3 ? lines; of the wings 7 lines.

a. East Indies. From Archdeacon Clerk's collection.

EUMERUS, *Meigen.*

EUMERUS grandis, *Meig. Dipt.* iii. 203, 1, *pl.* 28, *f.* 14, 18. *Macq. Hist. Nat. Dipt.* i. 526, 1.
a. ——— ? From Mr. Children's collection.

EUMERUS tricolor, *Meig. Dipt.* iii. 204, 2. *Macq. Hist. Nat. Dipt.* i. 526, 2.
a. England.
b. ———?

EUMERUS ruficornis, *Meig. Dipt.* iii. 206, 5. *Zett. Dipt. Scand.* ii. 865, 5. *Loew, Ent. Stett.* ix. 1848, 127, 13. *Curt. Brit. Ent.* 749, 2.
a. England.
b. ——— ? From Mr. Children's collection.

EUMERUS grandicornis, *Meig. Dipt.* iii. 207, 8. *Macq. Hist. Nat. Dipt.* i. 527, 7.
a. England.

EUMERUS lunulatus, *Meig. Dipt.* iii. 209, 11. *Loew, Ent. Stett.* ix. 1848, 121, 9. E. funeralis, *Meig. Dipt* iii. 208, 9. *Macq. Hist. Nat. Dipt.* i. 527, 8. *Loew, Isis*, 1840, 561, 3. *Zett. Dipt. Scand.* ii. 867, 7. E. planifrons, *Meig. Dipt.* iii. 209, 10. E. æneus, *Macq. Dipt. Nord. Syrph.* 121, 8. *Hist. Nat. Dipt.* i. 528, 11. *Meig. Dipt.* vii. 112, 19. *Curt. Brit. Ent.* 749, 4. *Ruricola, Gard. Chron.* 1842, 252. *Bouché, Ent. Zeit. Stett.* viii. 145, 17. E. Selene, *Loew, Isis*, 1840, 561, 6. E. grandicornis, *Meig. Dipt.* ii. 208, 8. *Macq. Hist. Nat. Dipt.* i. 527, 7. *Zett. Dipt. Scand.* ii. 866, 6. E. strigatus ? *Zett. Dipt. Scand.* ii. 864, 3. Pipeza strigata, *Fall. Dipt. Suec. Syrph.* 61, 8.
a. England.
b. ——— ? From Mr. Children's collection.

EUMERUS sabulonum, *Zett. Dipt. Scand.* ii. 863, 2. *Loew, Ent. Stett.* ix. 1848, 114, 4. E. tricolor? *Meig. Dipt.* iii. 204, 2. E. strigatus? *Meig. Dipt.* iii. 207, 7. *Curt. Brit. Ent.* 749, 3. E. Silene? *Meig. Dipt.* iii. 210, 12. *Curt. Brit. Ent.* 749, 6. E. rubriventris, *Macq. Dipt. Nord. Syrph.* 119, 2. *Hist. Nat. Dipt.* i. 528, 10. *Meig. Dipt.* vii. 112, 18. Syrphus tricolor? *Fabr. Ent. Syst. Suppl.* 563. Eristalis tricolor? *Fabr. Syst. Antl.* 244, 52. Pipiza sabulonum, *Fall. Dipt. Suec. Syrph.* 61, 7.

a. ———? From Mr. Children's collection.

EUMERUS obliquus, *Wied. Auss. Zweif.* ii. 112, 3. Milesia obliqua, *Fabr. Syst. Antl.* 194, 28.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

EUMERUS Aquilius, n. s., mas. *Æneo-viridis, thoracis fasciis quatuor cinereis, abdominis fasciis tribus interruptis arcuatis cinereis, antennis nigris, pedibus viridi-æneis, tarsis piceis, alis nigro cinereis.*

Body brassy green: head beset on the crown with a few black hairs, covered with white silky down, and clothed with white hairs in front: mouth and feelers black; third joint of the latter covered with hoary bloom: eyes dark red; facets very large in the middle of the fore part: chest clothed with short tawny hairs, adorned with four gray stripes: breast clothed with short hoary hairs: abdomen adorned with three interrupted arched gray bands, clothed with short tawny hairs, and at the tip beneath with short black hairs: legs brassy green, clothed with short pale hairs; feet pitchy, their soles and the knees ferruginous: wings dark gray; wing-ribs pitchy; veins black; poisers ferruginous. Length of the body 4 lines; of of the wings 6 lines.

a. ———? From Mr. Children's collection.

EUMERUS porcus, *Barnston, MSS.*, fem. *Niger, thorace cinereo quadrivittato, abdomine maculis nigris nitentibus canisque ornato, antennis piceis, pedibus nigris, genubus tarsisque ferrugineis, alis subcinereis.*

Body black, clothed with black hairs: head covered with white bloom, and clothed with white hairs beneath, pale yellow in front and around the base of the feelers: mouth black: feelers pitchy; bristle black: eyes brassy black; all the facets small: chest adorned with four gray stripes: breast tinged with gray: abdomen elliptical, deep velvet-like black, longer and a little broader than the chest; each segment adorned with a triangular black shining spot

in the middle, and with a hoary spot on each side; hind borders shining: legs black; knees and feet ferruginous, the latter pitchy towards the tips; foot-cushions and claws tawny; tips of the claws black; hind thighs thick, unarmed; hind shanks curved: wings pale gray; wing-ribs and veins black; veins pitchy towards the base; poisers yellow. Length of the body 3—4 lines; of the wings 6—7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRITTA, *St. Fargeau.*

SYRITTA pipiens, *St. Farg. et Serv. Ency. Macq. Dipt. Nord.* 124, 1. *Hist. Nat. Dipt.* i. 525, 1, *pl.* 12, *f.* 3. Musca pipiens, *Linn. Syst. Nat.* ii. 988. *Faun. Suec.* 1822. *Gmel. Ed. Syst. Nat.* v. 2877, 56. *Deg. Ins.* vi. 53, 11, *pl* 7, *f.* 8, 9. *Schrank, Faun. Boic.* iii. 2411. *Ins. Austr.* 915. *Harr. Ex.* 109, *pl.* 32, *f.* 48. *Berk. Syn.* i. 164. *Stew. El.* 266. *Turt.* iii. 652. Musca, &c., *Geoff. Ins.* ii. 519, 49. *Schell. Gen. Mouch. pl.* 10, *f.* 3. Syrphus pipiens, *Fabr. Sp. Ins.* ii. 435, 65. *Ent. Syst.* iv. 310, 119. *Panz. Faun. Germ.* xxxii. 20. Milesia pipiens, *Fabr. Syst. Antl.* 194, 27. *Latr. Gen. Crust.* iv. 331. *Cons. Gén.* 443. *Fall. Syrph.* 12, 9. Xylota pipiens, *Meig. Dipt.* iii. 213, 1. Coprina pipiens, *Zett. Ins. Lapp.* 584, 1.

a. England.
b. France.
c. ———? From Mr. Children's collection.

SYRITTA proxima. Xylota proxima, *Say, Amer. Ent. pl.* 8. *Wied. Auss. Zweif.* ii. 102, 9.

a. Nova Scotia. From Lieut. Redman's collection.
b. Ohio. Presented by the Entomological Club.
c. Trenton Falls. Presented by E. Doubleday, Esq.
d. Georgia. From Mr. Abbot's collection.
e. North America. From Mr. Children's collection.

SYRITTA indica. Eumerus indicus, *Wied. Anal. Ent.* 33, 49. Xylota indica? *Wied. Auss. Zweif.* ii. 103, 10.

a. Isle of France.

SYRITTA fasciata. Xylota fasciata, *Wied. Auss. Zweif.* ii. 103, 11.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

SYRITTA Bulbus, n. s. *Flavo-albida, thoracis disco nigro, antennis pedibusque flavis, femoribus posticis apice tibiisque posticis basi fuscis, alis limpidis.*

Head whitish: mouth black, brown towards the tip: feelers yellow, bristle black: eyes coppery; facets very small, except in the fore part, where they are large: chest black, yellow on each side in front: breast yellowish white: abdomen wanting: legs yellow; hips and hind shanks towards the base, and tips of hind thighs brown: wings colourless; wing-ribs and poisers tawny; veins black. Length of the body 2½ lines; of the wings 4 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

SYRITTA decora, n. s., fem. *Nigra, fulvo-varia, thorace fusco, antennis ferrugineis piceo vittatis, pedibus ferrugineis, femoribus posticis nigro-æneis, tibiis posticis piceis, alis fusco fulvis.*

Head black, covered with tawny down, tawny about the mouth, which is pitchy: eyes convex, red, slightly bronzed; all the facets very small: feelers ferruginous, with a pitchy streak along the upper side; bristle black: chest rich brown, adorned on each side with three tawny bands, which extend to the breast and there become white; behind them and before the scutcheon there is a tawny band across the back: abdomen black, linear, a little narrower and much longer than the chest, adorned on each side with three tawny spots; first pair of spots very large; second pair of moderate size; third pair very small; borders of the segments shining: legs ferruginous; hips black; feet brown; claws and foot-cushions tawny; tips of claws black; hind thighs thick, brassy black, armed beneath with teeth; hind shanks curved, pitchy, each adorned with a broad ferruginous band: wings brownish tawny; wing-ribs pitchy; veins black; poisers yellow. Length of the body 4½ lines; of the wings 8 lines.

a. ——— ?

XYLOTA, *Meigen.*

XYLOTA femorata, *Meig. Dipt.* iii. 216, 6. *Zett. Ins. Lapp.* 586, 7. Musca femorata, *Linn. Syst. Nat.* ii. 998. *Faun. Suec.* 1824. *Gmel. Ed. Syst. Nat.* v. 2877, 58. *Turt.* iii. 645. Milesia femorata, *Fall. Syrph.* 11, 8.

a. ——— ? From Mr. Children's collection.
b. ——— ?

XYLOTA hæmatodes, *Say, Amer. Ent. pl.* 8. *Wied. Auss. Zweif.* ii. 99, 3. *Macq. Dipt. Exot.* ii. 73, 1, *pl.* 13, *f.* 4. Milesia hæmatodes, *Fabr. Syst. Antl.* 193, 21.

a. Nova Scotia. Presented by the Entomological Club.
b. Georgia. From Lieut. Redman's collection.

Xylota nigra, *Fabr. Syst. Antl.* 192, 16. *Latr. Gen. Crust.* iv. 331. *Fall. Syrph.* 11, 7. *Meig. Dipt.* iii. 221, 14. *Macq. Hist. Nat. Dipt.* i. 522, 7. Syrphus niger, *Fabr. Ent. Syst.* iv. 295, 63.
a. ——— ?

Xylota abiens, *Wied. Meig. Dipt.* iii. 218, 9.
a. ——— ?

Xylota bifasciata, *Meig. Dipt.* iii. 219, 10. *Zett. Ins. Lapp.* 585, 2. *Curt. Brit. Ent.* 425.
a. ——— ?

Xylota Dascon, n. s., mas. et fem. *Æneus, abdomine fulvo quadrimaculato, capite abdomineque postico chalybeis, ventre, antennis pedibusque fulvis, tibiis tarsisque anterioribus flavis, pedibus posticis ferrugineis, alis limpidis.*

Head steel blue, clothed behind with tawny hairs, covered in front with whitish down: mouth pitchy: eyes red; facets rather large in front: feelers tawny: chest and breast coppery, thinly clothed with short tawny hairs: abdomen coppery, clothed with short whitish hairs, steel blue towards the tip and sometimes on each side, adorned with two large square tawny spots on each side; underside tawny: legs tawny; four front shanks and feet yellow, tips of the latter tawny; hind legs ferruginous, their thighs with a coppery tinge, their shanks tawny at the base: wings colourless; wing-ribs and poisers taway; veins pitchy, tawny towards the base. Length of the body 4 lines; of the wings 8 lines.

Nearly allied to *X. bifasciata*, but the cross-veins are more upright.
a. ——— ?

Xylota Baton, n. s., fem. *Ænea, abdominis segmento secundo fulvo bimaculato, antennis piceis, pedibus æneis, tibiis tarsisque anterioribus fulvis, tibiis posticis nigris, tarsis posticis piceis, alis subcinereis.*

X. ejuncida? *Say, Amer. Ent. pl.* 8. *Wied. Auss. Zweif.* ii. 100, 5. X. quadrata? *Say, Amer. Ent. pl.* 8. *Wied. Auss. Zweif.* ii. 101, 6. X. metallica? *Wied. Auss. Zweif.* ii. 102, 8.

Body brassy, thinly clothed with short pale hairs: head full as broad as the chest, covered with hoary bloom, clothed behind and beneath with short white hairs: eyes dark red; facets small: mouth and feelers piceous: second segment of the abdomen adorned with a

round tawny spot on each side: legs clothed with tawny down; hips and thighs brassy; shanks and feet tawny, the former with a slight piceous tinge; hind shanks black, tawny at the base; hind feet piceous; claws black; foot-cushions ferruginous: wings slightly gray, with a brown tinge along the fore borders; wing-ribs pitchy; veins black, ferruginous towards the base; cross-veins slightly clouded with brown; poisers tawny. Length of the body 4½ lines; of the wings 8 lines.

a. Florida. Presented by E. Doubleday, Esq.
b. Nova Scotia. From Lieut. Redman's collection.
c. ———? From Mr. Children's collection.

Xylota nemorum, *Meig. Dipt.* iii. 219, 11. *Macq. Hist. Nat. Dipt.* i. 521, 3. *Zett. Ins. Dipt.* 585, 3. Milesia nemorum, *Fabr. Syst. Antl.* 192, 17. M. ignava, *Fall. Syrph.* 11, 6.
a. France.

Xylota segnis, *Meig. Dipt.* iii. 220, 12. *Macq. Dipt. Nord.* 128, 1, *pl.* 2, *f.* 8. *Hist. Nat. Dipt.* i. 521, 5. *Zett. Ins. Lapp.* 585, 1. Musca segnis, *Linn. Syst. Nat.* ii. 988. *Faun. Suec.* 1823, *Gmel. Ed. Syst. Nat.* v. 2877, 57. *Deg. Ins.* vi. 54, 12. *Schrank, Faun. Boic.* iii. 2412. *Ins. Austr.* 914. *Stew. El.* ii. 266. *Turt.* iii. 644. M. Brassicariæ, *Don. Brit. Ins.* v. 17, *pl.* 151, *f.* 1. M. longisco, *Harr. Ex.* 83, *pl.* 24, *f.* 30. Musca, &c., *Geoff. Ins.* ii. 526, 62. *Schæff. Icon. pl.* 107, *f.* 7. Syrphus segnis, *Fabr. Sp. Ins.* ii. 428, 36. *Ent. Syst.* iv. 295, 61. *Panz. Faun. Germ.* lx. 3. Milesia segnis, *Fabr. Syst. Antl.* 191, 14. *Latr. Gen. Crust.* iv. 331. *Fall. Syrph.* 10, 5.
a. England.
b. France. Presented by F. Walker, Esq.
c. France.
d. ———? From Mr. Children's collection.

Xylota ignava, *Meig. Dipt.* iii. 221, 13. *Macq. Hist. Nat. Dipt.* i. 522, 6.
a. France.
b. ———? From Mr. Children's collection.

Xylota lenta, *Meig. Dipt.* iii. 222, 15. *Macq. Hist. Nat. Dipt.* i. 522, 8. *Zett. Ins. Lapp.* 586, 8. Musca nigra, *Schrank, Faun. Boic.* iii. 242, 9. Syrphus niger, *Panz. Faun. Germ.* lx. 5.
a. ———?
b. ———? From Mr. Children's collection.

Xylota Corbulo, n. s., fem. *Ænea, capite cyaneo, abdominis maculis quatuor ventreque fulvis, antennis nigris, pedibus æneis, tarsis fulvis, tarsis posticis tibiisque piceis, alis cinereis.*

Body brassy, clothed with short tawny hairs: head dark blue, a little broader than the chest, clothed behind and beneath with white down, and adorned with a patch of white down on each side of the front: eyes reddish bronze; facets small: mouth and feelers black: sides of abdomen covered with white down; its back adorned with four tawny spots; underside mostly tawny: legs clothed with short tawny hairs; hips and thighs brassy; shanks piceous, tawny at the base; feet tawny; hind feet piceous; claws black, tawny at the base; foot-cushions tawny: wings gray; wing-ribs and veins black, the latter piceous towards the base; poisers tawny. Length of the body 5½ lines; of the wings 10 lines.

a. ——? From Mr. Children's collection.

Xylota Libo, n. s., fem. *Æneo-purpurea, abdomine rufo, antennis nigris basi ferrugineis, pedibus æneis, tibiis piceis, tarsis fulvis, alis subfuscis.*

Body brassy purple, thinly clothed with tawny hairs: head and fore part of the chest covered with tawny bloom: eyes dark red, piceous in front; facets small: mouth black: feelers black; first joint ferruginous; bristle tawny: abdomen dark red, slightly pitchy on the sides and hind borders of the segments: legs thinly clothed with short hoary hairs; hips and thighs brassy; shanks piceous, tawny at the base; feet tawny, piceous at the tips; hind shanks darker than the other shanks, ferruginous at the base; claws and foot-cushions tawny, tips of the former black: wings slightly brown, darker along the fore borders; wing-ribs piceous; veins black, dark ferruginous towards the base; cross-veins clouded with brown; poisers tawny. Length of the body 5 lines; of the wings 8 lines.

a. Nova Scotia. From Lieut. Redman's collection.

Xylota Anthreas, n. s., mas. *Ænea, fronte ventreque fulvis, abdominis lateribus chalybeo maculatis, antennis fuscis, pedibus æneis, tibiis anterioribus piceis, tarsis fulvis, alis subcinereis.*

Body brassy, clothed with tawny down: head tawny in front: eyes piceous; facets small: mouth black: feelers brown; bristle black: sides of abdominal segments adorned with large steel blue spots; underside tawny, except the tip: legs bronze black, clothed with short tawny hairs; shanks yellow at the base; four front shanks piceous, tawny at the base and at the tips: feet tawny:

wings slightly gray; wing-ribs piceous; veins black, ferruginous towards the base; poisers tawny. Length of the body 4½ lines; of the wings 9 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

Xylota flavifrons, *Barnston's MSS.*, mas. et fem. *Nigro-ænea, abdominis lateribus chalybeo maculatis, antennis ferrugineis, pedibus nigro-æneis, tibiis tarsisque nonnunquam fulvis, alis subfuscis.*

Male.—Body black, clothed with short tawny hairs: head as broad as the chest, covered with hoary bloom, clothed behind and beneath with short white hairs, beset behind and on the crown with longer black hairs: eyes dark red; facets small; mouth black; feelers dark ferruginous, black at the base: abdomen linear, a little narrower than the chest, and full thrice its length; segments adorned with large steel-blue spots on each side: legs brassy black, clothed with short tawny hairs; shanks and feet black, tawny at the base; foot-cushions tawny: wings slightly brown; wing-ribs and veins black, the latter ferruginous towards the base; poisers yellow. *Female.*—Shanks and feet black; knees ferruginous. Length of the body 4—5 lines; of the wings 7—8 lines.

Var. β. Male. Shanks and feet tawny, with black tips.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Xylota communis, *Barnston's MSS.*, mas. et fem. *Nigro-ænea, abdomine nigro, lateribus æneo maculatis, antennis pedibusque nigris, tibiis basi fulvis, alis cinereis.*

Body brassy black: head as broad as the chest, covered with a slight hoary bloom: mouth and feelers black: eyes dark red: abdomen black; sides of the segments adorned with large brassy spots: legs black; shanks tawny at the base: wings gray, with a slight brown mark on the middle of the fore border. Length of the body 4½—5½ lines; of the wings 10—12 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Xylota Æpalius, n. s., mas. *Ænea, fronte scutelloque fulvis, abdomine nigro-æneo, antennis ferrugineis, pedibus fulvis, alis subcinereis ad costam fulvis.*

Body brassy, thickly covered with tawny down; head a little broader than the chest; front tawny: eyes dark red; facets small:

mouth piceous: feelers ferruginous: scutcheon tawny: abdomen brassy black, a little narrower than the chest and less than twice its length: legs bright tawny, clothed with short tawny hairs; a darker streak along each thigh; shanks paler towards the base; tips of feet piceous: wings tawny along the fore borders on half the breadth, slightly gray along the hind borders; wing-ribs and veins piceous, the latter ferruginous towards the base; poisers tawny. Length of the body 5 lines; of the wings 9½ lines.

a. Georgia. From Mr. Abbot's collection.

Xylota laphriæformis, n. s. *Ænea, fronte ferrugineo, abdominis lateribus basi fulvis, antennis piceis, pedibus ferrugineis, femoribus basi fulvis, femoribus posticis et tibiis apice tarsisque piceis, alis subfulvis.*

Body brassy, thickly clothed with tawny hairs: head partly covered with tawny down, ferruginous in front: mouth pitchy; feelers pitchy, covered with whitish down, tawny at the base: eyes black; all the facets very small: abdomen elliptical, a little longer and broader than the chest, tawny on each side at the base: legs ferruginous, clothed with tawny hairs and down; thighs tawny towards the base; hind thighs covered beneath with short black spines, pitchy above towards the tips; shanks pitchy towards the tips; feet pitchy; claws and foot-cushions tawny; tips of claws black: wings slightly tawny; wing-ribs and veins ferruginous, the latter pitchy towards the wings; cross-veins clouded with brown; poisers yellow. Length of the body 5 lines; of the wings 10 lines.

a. ———? From Mr. Children's collection.

Xylota Oarus, n. s., mas. *Ænea, antennis ferrugineis, pedibus æneis, tarsis fulvis, tibiis anterioribus piceo-ferrugineis, tarsis posticis ferrugineis, alis subcinereis.*

Body brassy, very thickly clothed with pale tawny hairs: head a little narrower than the chest; front adorned with white shining down: eyes dark red; facets small: mouth piceous: feelers ferruginous; bristle tawny: abdomen a little narrower than the chest, less than twice its length: legs brassy, thickly clothed with pale tawny hairs; foot-cushions and claws tawny, the latter with black tips; pitchy streaks on the ferruginous shanks of the four front legs, whose knees and feet are tawny; hind knees and hind feet ferruginous: wings slightly gray; wing-ribs piceous; veins ferruginous, piceous towards the tips; poisers pale tawny. Length of the body 4 lines; of the wings 8 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

Xylota Badia, n. s., fem. *Ænea, abdomine nigro, basi lateribusque anticis flavis, antennis piceis basi fulvis, pedibus piceis fulvo variis, alis limpidis.*

Body brassy: head covered with pale tawny down, clothed behind with hoary hairs: mouth tawny: feelers pitchy, tawny at the base: eyes dark red: chest thickly clothed with long, pale tawny hairs: abdomen black, clothed with short hoary hairs, yellow on each side of the base, and thence in two narrow stripes beyond the middle: legs pitchy; thighs pale yellow towards the base; knees and extremities of shanks yellow; feet tawny; hind feet pitchy, tawny at the base: wings colourless; wing-ribs and poisers yellow; veins brown, yellow towards the base. Length of the body 4 lines; of the wings 8 lines.

a. New York. Presented by the Entomological Club.

Xylota Æthusa, n. s., fem. *Æneo-viridis, capite cyaneo, thoracis lateribus fulvescentibus, scutello abdominisque basi fulvis, antennis pedibusque fulvis, tarsis necnon femorum posticorum tibiarumque apicibus piceis, alis subcinereis ad costam fulvis.*

Head blue, covered with white silky down: feelers bright tawny: eyes red: chest brassy green, somewhat tawny on each side; breast grayish; scutcheon tawny: abdomen tawny towards the base; hind part wanting: legs tawny; feet, tips of the shanks and of the hind thighs pitchy: wings slightly gray, ferruginous from the base to the middle for full half the breadth from the fore borders; wing-ribs ferruginous; veins black, ferruginous towards the base. Length of the body 5 lines; of the wings 10 lines.

a. East Indies. From Archdeacon Clerk's collection.

Xylota sylvarum, *Meig. Dipt.* iii. 223, 17. *Macq. Hist. Nat. Dipt.* i. 520, 1. Musca sylvarum, *Linn. Syst. Nat.* ii. 985. *Faun. Suec.* 1804. *Gmel. Ed. Syst. Nat.* v. 2871, 37. Syrphus sylvarum, *Fabr. Sp. Ins.* ii. 427, 27. *Ent. Syst.* iv. 291. 48. S. impiger, *Panz. Faun. Germ.* xiv. 21. Milesia sylvarum, *Fabr. Syst. Antl.* 191, 13. *Latr. Gen. Crust.* iv. 332. *Fall. Syrph.* 10, 4. Musca fucatus, *Harr. Ex.* 83, *pl.* 24, *f.* 29.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Xylota dibaphus, n. s. *Nigra, pilis fulvis hirta, thoracis margine antico lateribus scutelloque rufis, ventre piceo, pedibus rufis, alis nigro-fuscis.*

Body black, thinly clothed with short tawny hairs: head wanting: chest dull; sides and fore part of chest dark red: scutcheon dark red: abdomen shining, nearly oval, longer and a little broader than the chest; under side pitchy: legs red, clothed with short tawny hairs; foot-cushions tawny; tips of claws black: wings dark brown, adorned with purple lustre, pale gray along the hind borders; wing-ribs pitchy; veins black, pitchy towards the base; poisers tawny, with pale yellow knobs; scales very large, bright pale yellow. Length of the body 6 lines; of the wings 11 lines.

a. ——— ?

Xylota purpurea, n. s. *Purpurea, tibiis tarsisque nigris, femoribus posticis crassis, alis nigro-fuscis purpureo nitentibus.*

Head wanting: chest and abdomen purple, clothed with short black hairs: legs black, clothed with short hoary hairs; hips and thighs purplish black; hind thighs thick: wings blackish brown, tinged with purple, paler along the hind borders and at the tips; wing-ribs and veins black; poisers pitchy. Length of the body 6 lines; of the wings 10 lines.

a. ——— ? Presented by the Entomological Club.

Milesia, *Latreille.*

Milesia gigas, *Guerin, Belanger Voy. Ind. Orient.* 508, *pl.* 4, *f.* 7. *Macq. Hist. Nat. Dipt.* i. 533, 4. *Dipt. Exot.* ii. 80, 3, *pl.* 15, *f.* 3.

a. Java.

Milesia ornata, *Fabr. Syst. Antl.* 188, 5. *Wied. Auss. Zweif.* ii. 106, 4. *Macq. Dipt. Exot.* ii. 81, 4, *pl.* 15, *f.* 4. Musca virginiensis, *Drury, Illustr.* ii. *pl.* 37, *f.* 6. Syrphus trifasciatus, *Hausm. Ent. Bemerk.* ii. 67, 10.

a. North America.

Milesia Cœnina, n. s., fem. *Flava nigro varia, capite scutelloque fulvis, pectore nigro, lateribus flavo trimaculatis, abdomine fulvo, vitta fusca, segmentorum marginibus anticis flavis, antennis pedibusque fulvis, tibiis posticis subtus fusco fasciatis, alis subcinereis ad costam flavescentibus.*

Head tawny, yellow towards the mouth, which is pitchy: feelers awny; bristle darker towards the tip: eyes dark red, coppery in

front; facets all very small: chest yellow, adorned with a black stripe and with two square black spots in front, and with two obconical black marks behind; scutcheon tawny; breast black, with three yellow spots on each side: abdomen tawny; fore borders of the segments yellow; a brown stripe along the back, tapering from the base to the tip, and slightly interrupted on each segment: legs tawny, clothed with short black hairs; a short spine beneath near the tip of each hind thigh; a brown band beneath each hind shank: wings slightly gray, tinged with yellow along the fore borders, and having a small pale brown spot near the tip of the fore border; wing-ribs ferruginous; veins and poisers tawny. Length of the body 9—10 lines; of the wings 17—18 lines.
a. ——— ?

Milesia crabroniformis, *Fabr. Syst. Antl.* 187, 1. *Latr. Gen. Crust.* iv. 332. *Meig. Dipt.* iii. 227, 1. *Macq. Hist. Nat. Dipt.* i. 532, 1, *pl.* 12, *f.* 9. Syrphus crabroniformis, *Fabr. Sp. Ins.* ii. 430, 44. *Ent. Syst.* iv. 299, 78. Musca crabroniformis, *Gmel. Ed. Syst. Nat.* v. 2873, 355.
a. ——— ? From Mr. Children's collection.
b. Madeira.

——— Var.? Fem. *Ferruginea, capite fulvo fronte flavo, thorace ferrugineo flavo vario fuscoque vittato, abdomine fulvo, basi vitta suturisque fuscis, segmentorum marginibus anticis flavis, antennis rufis, pedibus ferrugineis, tibiis flavis, metatibiis fulvo fasciatis, alis subcinereis ad costam subfulvis.*

Head tawny, yellow in front: mouth black: feelers pale red; third joint nearly round; bristle pitchy, pale red towards the base, about thrice the length of the third joint; eyes bronzed; facets small; those on the fore part of the crown larger: chest ferruginous, yellow in front, clothed with short tawny hairs, adorned with a brown stripe in the middle, with a square brown spot on each side of the front, and with a short tapering stripe on each side behind: front dark brown, yellow in front, and adorned with two yellow spots on each side: abdomen tawny, obconical, as broad as the chest and much longer, dark brown at the base and along the sutures of the segments, and having a narrow, interrupted stripe of the same colour along the back, and a yellow band along the fore border of the segments: under side brownish, yellow on the sides of the fore borders of each segment: legs ferruginous, clothed with black hairs; shanks yellowish; a tawny band round each hind shank; foot-cushions yellow; tips of claws black: wings slightly gray, with a tawny tinge along the fore borders; wing-ribs ferruginous; veins

and poisers tawny. Length of the body 10 lines; of the wings 18 lines.

a. ——— ?

MILESIA Lamus, n. s., fem. *Flava nigro varia, abdomine fulvo, basi fasciis vittisque nigris, antennis fulvis, pedibus fulvis, tibiis posticis ferrugineo vittatis, femoribus posticis tarsisque ferrugineis, alis cinereis ad costam fuscis.*

Head yellow, with a black band across the crown, whence a black stripe extends to the base of the feelers; the latter are seated on a brown space, and a tawny stripe proceeds from them to the clypeus: mouth pitchy: feelers bright tawny; third joint nearly round; bristle about thrice its length, pitchy towards the tip: eyes coppery, varied with dark red; facets small: chest yellow, adorned with a square black spot on each side of the front, and with a black stripe along the middle joining a black band between the wings; another black band occupies the fore border of the scutcheon: breast black, yellow in front, and adorned with two yellow spots on each side: abdomen tawny, black at the base, adorned with two slender black bands along the fore borders of the segments; a black stripe extends from the base along half the length of the following segment, and thence passes to the sides of the abdomen by means of two slender slightly curved and retreating bands; another black stripe springs from the black suture of the following segment, but is much shorter than the first, and the bands in which it terminates are nearly straight; the third black suture does not emit a stripe, but from it proceed two black bands, which are oblique and irregular in their course to the sides of the abdomen; underside yellow, with a large black spot in the middle of each segment, and a brown spot on each side of its hind border: legs tawny; feet ferruginous, pitchy towards the tips; claws and foot-cushions yellow, tips of claws black; hind legs ferruginous, their shanks tawny, with ferruginous stripes: wings gray, brown along the fore borders for about half the breadth where the two colours are intermingled; wing-ribs tawny; veins pitchy, ferruginous along the fore border, tawny in the disk; poisers yellow. Length of the body 9 lines; of the wings 16 lines.

Var. *β.* Scutcheon black, excepting the hind border: wings gray, tinged with brown along the fore border for one-third of the breadth.

a. ——— ?

MILESIA Alcimus, n. s., mas. *Nigra flavo fusco et ferrugineo varia, abdomine fulvo fasciis nigris, antennis ferrugineo-fulvis, pedibus fulvis, femoribus posticis basi fusco vittatis, tibiis tarsisque anticis nigris, alis sublimpidis ad costam fuscis.*

Head black, with a short brown stripe on the front: mouth ferruginous: feelers tawny, partly ferruginous; third joint nearly round; bristle about thrice its length, pitchy at the tip: eyes tawny, varied with dark red; facets small, those on the fore part of the crown larger: chest black, adorned with two yellow spots on each side of the front, with a slightly curved tawny stripe on each side behind, and with two oblique ferruginous spots in front of the scutcheon, which is yellow: breast black, with an oblique yellow stripe on each side: abdomen tawny, nearly obconical, a little broader and much longer than the chest, adorned at the base with a broad black band which does not extend to the sides; fore borders of the segments irregularly black; underside black, with the exception of the sides and the hind borders of the segments: legs tawny; hips ferruginous; a short brown stripe on each hind thigh towards the base; fore shanks, fore feet, and tips of claws black: wings nearly colourless, brown along the fore borders for almost half the breadth; the outlines of the two colours are distinct; wing-ribs ferruginous; veins pitchy, ferruginous towards the base; poisers tawny. *Fem.*—Spots on the fore part of the chest tawny: hind borders of the wings slightly gray. Length of the body 7—8 lines; of the wings 12—16 lines.

a. ——— ?

MILESIA Bacuntius, n. s., mas. *Ferruginea, thoracis maculis duabus vittisque totidem nigris, abdomine ferrugineo, fulvo nigroque fasciato et maculis nigris ornato, pedibus ferrugineis, femoribus posticis nigris, tibiis basi tarsisque anterioribus fulvis, alis fuscis, cinereo variis fulvoque vittatis.*

Head ferruginous, tawny, and covered with yellowish white down in front: mouth pitchy: feelers pale red; third joint nearly round: eyes nearly black, dark red here and there; facets small, those on the fore part of the crown larger: chest and breast ferruginous: chest with a small black spot in front, another in front of the scutcheon, and two short black stripes on the disk; scutcheon tawny, ferruginous along the fore border; disk of the breast mostly black: abdomen ferruginous; hind borders of the segments tawny; a black band along the fore border of each segment, widening into a triangular black spot on the disk; these spots decrease successively in size from the base of the abdomen: legs ferruginous; four front shanks towards the base and four front feet tawny; hind

thighs very thick, mostly black above; a stout tooth on each hind shank; claws and foot-cushions yellow; tips of claws black: wings brown, gray on the disks of the segments and along the hind borders, and adorned with a pale tawny streak from the base to the middle of the disk; wing-ribs tawny; veins pitchy, partly tawny towards the base; poisers tawny. Length of the body $5\frac{1}{2}$—$6\frac{1}{2}$ lines; of the wings 10—13 lines.

a. Georgia. From Mr. Abbot's collection.

Milesia Ania, n. s., fem. *Nigra, thorace pilis flavis bimaculato et unifasciato, scutello ferrugineo, abdomine rufo fascia postica flava, apice ventreque cyaneis, antennis pedibusque nigris, alis subcinereis ad costam fuscis.*

Head black, adorned with white down: mouth black: feelers black; bristle nearly twice the length of the third joint, which is elliptical: chest and breast black, clothed with black hairs: chest adorned with two spots of bright yellow hairs in front, and with a band of the same behind; scutcheon ferruginous: abdomen deep red, adorned with a yellow band towards the tip, which is bright blue; underside blue: legs black; claws tawny, with black tips; foot-cushions yellow: wings light gray, brown along the fore borders; wing-ribs black; veins black, tawny along the fore borders; poisers pitchy. Length of the body 7 lines; of the wings 14 lines.

a. Jamaica. From Mr. Gosse's collection.

Milesia cruciger, *Wied. Auss. Zweif.* ii. 105, 2.
a. Florida. Presented by E. Doubleday, Esq.
b. North America. Presented by the Entomological Club.
c. Georgia. From Mr. Abbot's collection.

Milesia vespiformis, *Fall. Syrph.* 9, 3, iv. 332. *Meig. Dipt.* iii. 232, 5. *Macq. Hist. Nat. Dipt.* i. 533, 5. *Zett. Ins. Lapp.* 587, 1. Musca vespiformis, *Linn. Syst. Nat.* ii. 986. *Faun. Suec.* 1811. *Gmel. Ed. Syst. Nat.* v. 2873, 44. *Deg. Ins.* vi. 54, 13. *Turt.* iii. 647. Syrphus vespiformis, *Fabr. Sp. Ins.* ii. 430, 46. S. apiformis, *Fabr. Ent. Syst.* iv. 300, 80. *Panz. Faun. Germ.* 90, 19.? Milesia apiformis, *Latr. Gen. Crust.* iv. 332.?
a. South of France. Presented by F. Walker, Esq.
b. ——— ?
c. ——— ? From Mr. Children's collection.

——— Var.? Mas. *Nigra, pilisfulvis vestita, antennis pedibusque fulvis, tibiis tarsisque anticis nigris, alis limpidis ad costam fulvis.*

Head black, covered with tawny down, clothed with black hairs on the crown and behind the eyes: mouth black: feelers bright tawny; bristle pitchy at the tip, about thrice the length of the third joint, which is nearly round: eyes pitchy; facets small; those on the fore part of the crown larger: chest and breast black; the former thinly clothed with tawny hairs: abdomen nearly obconical, black, covered with tawny down, a little broader and much longer than the chest: legs tawny; fore shanks and fore feet black; claws black towards the tips: wings colourless, tawny along the fore borders for half the breadth: wing-ribs pitchy; veins and poisers tawny. Length of the body 7 lines; of the wings 12 lines.

a. Marseilles.

Milesia diopthalma, *Fabr. Syst. Antl.* 187, 2. *Latr. Gen. Crust.* iv. 332. *Cons. Gén.* 443. *Fall. Syrph.* 8, 2. *Meig. Dipt.* iii. 229, 3. *Macq. Hist. Nat. Dipt.* 532, 2. Musca diopthalma, *Linn. Faun. Suec.* 1810. *Gmel. Ed. Syst. Nat.* v. 2873, 43. Syrphus diopthalmus, *Fabr. Sp. Ins.* ii. 430, 45. *Ent. Syst.* iv. 300, 79. *Panz. Faun. Germ.* lxxii. 23.

a. Ukraine. Presented by Dr. Dowler.

Milesia saltuum, *Fabr. Syst. Antl.* 189, 9. *Meig. Dipt.* iii. 230, 4. Syrphus saltuum, *Fabr. Ent. Syst.* iv. 287, 32.

a. South of France. Presented by F. Walker, Esq.

b. France.

Milesia Daochus, n. s., fem. *Flava nigro varia, abdominis fasciis octo nigris, antennis pedibusque fulvis, femoribus basi flavis, tibiis tarsisque anticis nigris, alis limpidis ad costam fuscis.*

Head yellow, with a black band across the crown embracing the eyelets, whence a black stripe extends to the base of the feelers, and thence to the clypeus; a black stripe on each side between the clypeus and the corners of the eyes: mouth dark ferruginous: feelers bright tawny; bristle more than twice the length of the third joint, which is nearly round: eyes dark red; facets small, those on the fore part of the crown rather larger: chest black, adorned with yellow, which is disposed in two short stripes on the fore part of the back, these stripes are united in front; on each shoulder there is a yellow spot, behind which there is a short yellow band, and the latter is succeeded by a short yellow stripe; there are also two yellow spots in front of the scutcheon, which is yellow with a black hind

border: breast black, with two yellow spots on each side: abdomen yellow, nearly oval, broader and much longer than the chest, adorned with eight black bands, which are alternately broad and narrow: legs tawny; thighs yellow towards the base; hind thighs unarmed; fore shanks and fore feet black, the former tawny at the base; tips of claws black: wings colourless, brown along the fore borders for more than one-third of the breadth; wing-ribs and veins tawny; poisers yellow. Length of the body 6 lines; of the wings 11 lines.

a. ———?

Milesia Canusium, n. s., fem. *Nigra, thorace maculis duabus flavis, pilis flavis fasciato, abdomine ferrugineo, segmentorum marginibus posticis fulvis, pedibus fulvis, alis limpidis ad costam fulvis.*

Head partly tawny: chest black, adorned in front with two yellow spots, behind which there is a band of yellow hairs just in front of the wings, it is interrupted on the middle of the chest and on that of the breast; in front of the scutcheon there is another band of yellow hairs which do not extend to the breast: abdomen ferruginous, obconical, longer and a little broader than the chest; hind borders of segments tawny: legs tawny; tips of claws black: wings colourless, tawny along the fore borders for nearly half the breadth; wing-ribs black; veins and poisers tawny. Length of the body 5 lines; of the wings 10 lines.

a. Cape of Good Hope.

Milesia fulminans, *Meig. Dipt.* iii. 228, 2. *pl.* 29, *f.* 8. *Macq. Hist. Nat. Dipt.* i. 532, 2. Eristalis fulminans, *Fabr. Syst. Antl.* 241, 39.

a. South of France. Presented by the Entomological Club.

Milesia fallax, *Fabr. Syst. Antl.* 190, 10. *Meig. Dipt.* iii. 235, 9. *Macq. Hist. Nat. Dipt.* i. 534, 8. Musca fallax, *Linn. Faun. Suec.* 1812. *Gmel. Ed. Syst. Nat.* v. 2871, 35. Syrphus fallax, *Fabr. Sp. Ins.* ii. 426, 26. *Ent. Syst.* iv. 291, 47. S. semirufus, *Fabr. Ent. Syst.* iv. 301, 85. E. semirufus, *Fabr. Syst. Antl.* 243, 51. *Fall. Syrph.* 51, 3.

a. ———? From Mr. Children's collection.

Milesia bilineata, *White, Zool. Voy. Erebus and Terror.* Fem.—*Nigra thoracis vittis duabus lateribus pectoreque fulvis, antennis pedibusque nigris, alis cinereis.*

Body black: head as broad as the chest, covered behind and in front with pale tawny down: mouth and feelers black: eyes black;

facets on the fore part of the crown larger than those elsewhere: chest adorned with two pale tawny stripes; its sides and the breast also pale tawny: breast covered with hoary bloom; scutcheon clothed with long tawny hairs: abdomen long-obconical, longer and a little narrower than the chest, clothed beneath with tawny hairs: legs black, clothed with short tawny hairs; hind thighs rather thick, toothed beneath; claws and foot-cushions yellow; tips of claws black: wings dark gray; wing-ribs and veins black; poisers tawny. Length of the body 7 lines; of the wings 10 lines.

a. Port Nicholson, New Zealand. From Mr. Earl's collection.

Milesia speciosa, *Fabr. Syst. Antl.* 188, 6. *Latr. Gen. Crust.* iv. 332. *Meig. Dipt.* iii. 234, 7. *Curt. Brit. Ent. pl.* 34. *Macq. Hist. Nat. Dipt.* i. 534, 7. Syrphus speciosus, *Panz. Faun. Germ.* liv. 6.

a. England.
b. France. Presented by F. Walker, Esq.
c. ———?

Milesia Amithaon, n. s., mas. *Nigra, pilis fulvis vestita, abdominis lateribus pilis fulvis nigrisque vestitis, antennis pedibusque nigris, alis cinereis ad costam fuscis fuscoque venosis.*

Body black, shining: head as broad as the chest, clothed with dark tawny hairs: mouth and feelers black; eyes brassy black; facets on the fore part of the crown rather larger than those elsewhere: chest clothed with dark tawny hairs: abdomen nearly linear, as broad as the chest and much longer; sides clothed alternately with black and dark tawny hairs: legs black, clothed with black hairs; foot-cushions and claws dark tawny; tips of claws black; hind thighs very thick, toothed beneath; hind shanks curved, with a knob on the inner side: wings dark gray, brown along the fore borders and on the sides of the veins of the disk; wing-ribs and veins black, some of the latter ferruginous towards the base; poisers ferruginous. Length of the body 7½ lines; of the wings 15 lines.

a. North Carolina.

Milesia Bubulcus, n. s., mas. *Nigro-fusca, pilis fulvis vestita, abdominis apice pilis nigris hirto, antennis pedibusque nigris, tibiis tarsisque anterioribus ferrugineis, tibiis posticis piceis, alis cinereis basi et ad costam subfulvis.*

Body black: head covered with pale tawny down, clothed with pale tawny hairs; clypeus prominent: mouth and feelers black: eyes pitchy, bronzed here and there; facets on the fore part of the crown larger than those elsewhere: chest dark brown, clothed with

long pale tawny hairs: abdomen dark brown, nearly linear, longer, but hardly broader than the chest, clothed with bright tawny hairs; the hairs at the base are pale, those at the tip are black: legs black, clothed with tawny hairs; feet and four front shanks ferruginous; tips of claws black; hind thighs rather thick, unarmed; hind shanks pitchy, somewhat swelling towards the tips: wings gray, slightly tawny at the base and along the fore borders; wing-ribs and veins black, the latter ferruginous at the base and along the fore borders; poisers tawny. Length of the body 8 lines; of the wings 17 lines.

a. ——— ?

Milesia verbosa, *Harris, Catalogue Ins. Massachusetts.* Fem.—*Nigra, pilis fulvis vestita, thorace pilis nigris fasciato, abdominis apice pilis nigris albidisque vario, antennis nigris apice ferrugineis, pedibus ferrugineis, femoribus nigris, alis limpidis basi ferrugineis ad costam subfulvis.*

Body black: head a little narrower than the chest, thickly clothed with tawny hairs, covered in front with white down; clypeus prominent: mouth and feelers black; third joint of the feelers ferruginous, nearly round: eyes black; all the facets very small: chest thickly clothed with tawny hairs; a band of black hairs between the wings; breast clothed with pale tawny hairs: abdomen obconical, a little narrower and much longer than the chest, clothed with tawny hairs, and at the tip with black and whitish hairs: legs ferruginous, thinly clothed with tawny hairs; thighs and tips of claws black; hind thighs thick, unarmed; hind shanks curved, banded with black: wings colourless, ferruginous at the base, slightly tawny along the borders of the veins; wing-ribs black; veins pitchy; poisers ferruginous. Length of the body 8 lines; of the wings 15 lines.

a. North America. Presented by the Entomological Club.

Pipiza, *Fallen.*

Pipiza ornata, *Meig. Dipt.* iii. 243, 3.
a. ——— ?

Pipiza noctiluca, *Fall. Syrph.* 59, 2. *Meig. Dipt.* iii. 244, 6. *Macq. Hist. Nat. Dipt.* i. 568, 3. *Zett. Ins. Lapp.* 615, 1. Musca noctiluca, *Linn. Faun. Suec.* 1814. *Gmel. Ed. Syst. Nat.* v. 2874, 48. Syrphus noctilucus, *Fabr. Sp. Ins.* ii. 431, 54. *Ent. Syst.* iv. 304, 98. S. Rosarum, *Panz. Faun. Germ.* 95, 21. Eristalis noctilucus, *Fabr. Syst. Antl.* 247, 69. Milesia noctiluca, *Latr. Gen. Crust.* iv. 332.
a. England.
b. France.

Pipiza signata, *Meig. Dipt.* iii. 246, 8.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Pipiza bimaculata, *Meig. Dipt.* iii. 246, 9.
a. England.
b. ——— ?

Pipiza lucida, *Meig. Dipt.* iii. 247, 11.
a. England.
b. ——— ? From Mr. Children's collection.

Pipiza quadrimaculata, *Fall. Syrph.* 59, 3. *Meig. Dipt.* iii. 249, 16. *Macq. Hist. Nat. Dipt.* i. 570, 9. *Zett. Ins. Lapp.* 616, 6. Syrphus quadrimaculatus, *Panz. Faun. Germ.* 86, 19.
a. France. From Mr. Children's collection.

Pipiza funebris, *Meig. Dipt.* iii. 250, 17. *Macq. Hist. Nat. Dipt.* i. 570, 11.
a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.
c. ——— ?
d. ——— ? From Mr. Children's collection.

Pipiza lugubris, *Meig. Dipt.* iii. 250, 18. *Macq. Hist. Nat. Dipt.* i. 571, 13. *Zett. Ins. Lapp.* 617, 7. Syrphus lugubris, *Fabr. Sp. Ins.* ii. 431, 50. *Ent. Syst.* iv. 303, 91. Musca mœsta, *Gmel. Ed. Syst. Nat.* v. 2874, 358. M. lugubris, *Schrank, Faun. Boic.* iii. 2416. Eristalis lugubris, *Fabr. Syst. Antl.* 246, 64.
a. England.
b. France.

Pipiza melancholica, *Meig. Dipt.* iii. 251, 20.
a. England.
b. ——— ?

Pipiza virens, *Meig. Dipt.* iii. 253, 26. *Macq. Hist. Nat. Dipt.* i. 572, 17. Mulio virens, *Syst. Antl.* 186, 12. Pipiza campestris, *Fall. Syrph.* 59, 4.
a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.
c. France.

Pipiza fulvitarsis, *Macq. Dipt. Nord.* 19. *Hist. Nat. Dipt.* i. 572, 19.
a. England.

Pipiza costalis, *Walker*, *Linn. Trans.* xvii. 342, 31.
a. South America. Presented by the Entomological Club.

Pipiza longicornis, *Walker*, *Linn. Trans.* xvii. 343, 32.
a. South America. Presented by the Entomological Club.

Pipiza sericea, *Walker*, *Linn. Trans.* xvii. 343, 33.
a. South America. Presented by the Entomological Club.

Rhingia, *Scopoli.*

Rhingia rostrata, *Fabr. Sp. Ins.* ii. 460, 1. *Ent. Syst.* iv. 374, 1. *Syst. Antl.* 222, 1. *Schrank*, *Faun. Boic.* iii. 2538. *Panz. Faun. Germ.* lxxxvii. 22. *Latr. Gen. Crust.* iv. 320. *Cons. Gén.* 443. *Fall. Syrph.* 33, 1. *Macq. Hist. Nat. Dipt.* i. 529, 1, *pl.* 12, *f.* 5. Var. Musca nasutus, *Harr. Ex.* 105, *pl.* 32, *f.* 35. Conops rostrata, *Linn. Syst. Nat.* ii. 1004, 1. *Schrank*, *Ins. Austr.* 989. Stomoxys rostrata, *Gmel. Ed. Syst. Nat.* v. 2892, 8. *Stew*, *El.* ii. 271. *Shaw*, *Gen. Zool.* vi. 396, *pl.* 111, *f. inf.* *Turt.* iii. 670.
a. England.
b. France.
c. ———? From Mr. Children's collection.

Rhingia campestris, *Meig. Dipt.* iii. 259, 2. *Ing. Inst.* 91. *Curt. Brit. Ent. pl.* 182. *Macq. Hist. Nat. Dipt.* i. 529, 2. Musca rostrata, *Deg. Ins.* vi. 57, 19, *pl.* vii. *f.* 21—23. *Schell. Gen. Mouch. pl.* viii. Rhingia rostrata, Var., *Fall. Syrph.* 33, 1. Musca macrocephala, *Harr. Ex.* 22, *pl.* 24, *f.* 27.
a. England.
b. France.
c. ———? From Mr. Children's collection.

Rhingia nasica, *Say*, *Journ. Acad. Philad.* iii. 94.
a. New York. Presented by the Entomological Club.
b. Trenton Falls, New York. Presented by E. Doubleday, Esq.
c. Nova Scotia. From Lieut. Redman's collection.

Brachyopa, *Hoffmansegg.*

Brachyopa conica, *Meig. Dipt.* iii. 261, 1. *Macq. Hist. Nat. Dipt.* i. 530, 1. Musca conica? *Panz. Faun. Germ.* 60, 20. Rhingia testacea? *Fall. Syrph.* 34, 4. *Zett. Ins. Lapp.* 597, 2.
a. ———? From Mr. Children's collection.

BRACHYOPA bicolor, *Meig. Dipt.* iii. 262, 2, *pl.* 30, *f.* 6. *Macq. Hist. Nat. Dipt.* i. 531, 2, *pl.* 12, *f.* 6. Rhingia bicolor, *Fall. Syrph.* 33, 2.
a. England.
b. ———? From Mr. Children's collection.

BRACHYOPA rufo-cyanea, *Walker, Ent. Mag.* ii. 472.
a. New Holland. Presented by the Entomological Club.

CHRYSOGASTER, *Meigen.*

Group I. *Meig. pl.* 30, *f.* 17.

CHRYSOGASTER splendens, *Meig. Dipt.* iii. 266, 1. *Macq. Hist. Nat. Dipt.* i. 560, 1. *Loew, Ent. Zeit. Stettin*, iv. 209, 1.
a. England.
b. France.

CHRYSOGASTER violacea, *Meig. Dipt.* iii. 267, 2. *Macq. Hist. Nat. Dipt.* i. 561, 2. *Loew, Ent. Zeit. Stettin*, iv. 2102.
a. England.
b. ———?

CHRYSOGASTER metallica, *Meig. Dipt.* iii. 267, 3. *Macq. Hist. Nat. Dipt.* i. 561, 3. *Zett. Ins. Lapp.* 615, 1. *Loew, Ent. Zeit. Stettin*, iv. 211, 3. Syrphus metallinus, *Fabr. Sp. Ins.* ii. 431, 52. *Ent. Syst.* iv. 303, 95. Musca metallina, *Gmel. Ed. Syst. Nat.* v. 2874, 359. Eristatis metallicus, *Fabr. Syst. Antl.* 246, 67. *Fall. Syrph.* 57, 16. Chrysogaster discicornis, *Megerle. Meig. Dipt.* iii. 270, 8. *Loew, Ent. Zeit. Stettin*, iv. 254, 13.
a. England.
b. France.
c. Aix-la-Chapelle. Presented by F. Walker, Esq.

CHRYSOGASTER cœmeteriorum, *Meig. Dipt.* iii. 268, 5. *Macq. Hist. Nat. Dipt.* i. 562, 7, *pl.* 12, *f.* 15. *Loew, Ent. Zeit. Stettin*, iv. 246, 8. Musca cœmeteriorum, *Gmel. Ed. Syst. Nat.* v. 2878, 82. *Don. Brit. Ins.* xii. 20, *pl.* 401, *f.* 2. Syrphus cœmeteriorum, *Fabr. Ent. Syst.* iv. 303, 94. *Panz. Faun. Germ.* lxxxii. 17. Eristalis cœmeteriorum, *Fabr. Syst. Antl.* 246, 65. E. solstitialis, *Fall. Syrph.* 56, 14.
a. England.
b. ———? From Mr. Children's collection.
c. Aix-la-Chapelle. Presented by F. Walker, Esq.

CHRYSOGASTER viduata, *Meig. Dipt.* iii. 269, 6. *Macq. Hist. Nat. Dipt.* i. 562, 9. *Loew, Ent. Zeit. Stettin*, iv. 248, 9. Musca viduata, *Linn. Syst. Nat.* ii. 994. *Faun. Suec.* 1852. *Gmel. Ed. Syst. Nat.* v. 2850, 94. *Turt.* iii. 611. Eristalis viduata, *Fall. Syrph.* 56, 15.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

CHRYSOGASTER grandicornis, *Meig. Dipt.* iii. 270, 7. *Macq. Hist. Nat. Dipt.* i. 563, 11. *Loew, Ent. Zeit. Stettin*, iv. 253, 12. Musca politus? *Harr. Ex.* 81, *pl.* 24, *f.* 26.

a. England.

CHRYSOGASTER splendida, *Megerle. Meig. Dipt.* iii. 271, 11. *Macq. Hist. Nat. Dipt.* i. 563, 12. *Loew, Ent. Zeit. Stettin*, iv. 258, 16.

a. England.
b. ——— ? From Mr. Children's collection.

CHRYSOGASTER Apisaon, n. s., mas. *Nigro-viridis, antennis pedibusque nigris, tibiis basi genubusque ferrugineis, tarsis fulvis, alis limpidis.*

Body greenish black: head clothed with black hairs: mouth and feelers black; third joint of the latter long and linear: eyes dark red, very hairy: chest thinly covered with tawny down; sides of the hind chest and of the base of the abdomen clothed with short hoary hairs: legs black; shanks towards the base and knees ferruginous; feet tawny, with black tips: wings colourless; wing-ribs and poisers ferruginous; veins piceous, yellow towards the base. Length of the body 3 lines; of the wings 6 lines.

a. New York. Presented by the Entomological Club.

CHRYSOGASTER Antitheus, n. s., fem. *Nigro-cyanea, antennis nigris apice rufis, pedibus cyaneo-nigris, tarsis piceis, alis limpidis.*

Body short, bluish black, shining: head dark blue, nearly as broad as the chest: eyes dark red: mouth black: feelers black; third joint pale red, very broad: abdomen broader, but not longer than the chest; disk dull: legs bluish black; feet piceous: wings colourless; wing-ribs and veins piceous, the latter black towards the tips; poisers tawny, with black knobs. Length of the body 2½ lines; of the wings 5 lines.

a. New York.

Group II. *Meig. pl.* 30, *f.* 18. ORTHONEURA, *Macquart.*

CHRYSOGASTER nobilis, *Meig. Dipt.* iii. 272, 13. *Loew, Ent. Zeit. Stettin*, iv. 262, 18, *pl.* 3, *f.* 16, 18. C. nigricollis, *Megerle, Meig. Dipt.* iii. 12. Eristalis nobilis, *Fall. Syrph.* 57, 17. Orthoneura nobilis, *Macq. Hist. Nat. Dipt.* i. 564, 2.
a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.
c. France.

SYRPHUS, *Fabricius.*

Group I. Cheilosia, *Megerle.*

SYRPHUS ruficornis, *Fabr. Sp. Ins.* ii. 431, 48. *Ent. Syst.* iv. 301, 84. *Panz. Faun. Germ.* lxxvii. 20. *Meig. Dipt.* iii. 278, 1. M. rutilo, *Harr. Ex.* 80, *pl.* 24, *f.* 21. Musca ruficornis, *Gmel. Ed. Syst. Nat.* v. 2874, 356. Eristalis ruficornis, *Fabr. Syst. Antl.* 243, 50. *Fall. Syrph.* 50, 2. *Zett. Ins. Lapp.* 610, 2. Elophilus ruficornis, *Latr. Gen. Crust.* iv. 324. Cheilosia ruficornis, *Macq. Dipt. Nord.* 59, 17. *Hist. Nat. Dipt.* i. 555, 1, *pl.* 12, *f.* 14.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

SYRPHUS œstraceus, *Fabr. Sp. Ins.* ii. 426, 23. *Ent. Syst.* iv. 290, 44. *Fall. Syrph.* 21, 9. *Meig. Dipt.* iii. 279, 2. Musca œstracea, *Linn. Faun. Suec.* 1801. *Gmel. Ed. Syst. Nat.* v. 2871, 34. *Deg. Ins.* vi. 60, 4. *Herbst, Gem. Nat.* viii. 166, 7, *pl.* 340, *f.* 2. *Schæff. Icon. pl.* 10, *f.* 6. *Turt.* iii. 642. *Schell. Gen. Mouch. pl.* 11, *f.* 2. M. illustratus, *Harr. Ex.* 104, *pl.* 32, *f.* 32. Eristalis œstraceus, *Fabr. Syst. Antl.* 240, 34. *Latr. Gen. Crust.* iv. 323. Syrphus rupestris, *Panz. Faun. Germ.* 59, 13. Cheilosia œstracea, *Macq. Hist. Nat. Dipt.* i. 555, 2.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

SYRPHUS œstriformis, *Barnston's MSS.*, mas. *Niger, thoracis pilis anticis nigris posticis fulvis, scutello fulvo, abdomine pilis albis nigris fulvisque fasciato, antennis piceis, pedibus nigris, alis limpidis fusco unimaculatis.*

Body black: head clothed with dull tawny hairs, shining and prominent in front: mouth pitchy: feelers pitchy; bristle ferrugi-

nous, downy: eyes pitchy, each with a broad stripe of short black hairs; all the facets very small: chest clothed with short black hairs, and on the hinder part with pale tawny hairs; scutcheon tawny, very thickly clothed with pale tawny hairs: abdomen nearly oval, broader and a little longer than the chest, clothed with white hairs at the base, with black hairs in the middle, and with bright tawny hairs towards the tip: legs black, clothed with short black hairs; knees pitchy; shanks and feet clothed beneath with tawny down; hind feet tawny; claws and foot-cushions tawny; tips of claws black: wings colourless; a large dark brown spot in the disk; wing-ribs pitchy; veins black, ferruginous towards the base and along the fore borders; poisers ferruginous. Length of the body 7 lines; of the wings 14 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Syrphus chrysocomus, *Meig. Dipt.* iii. 280, 4. Cheilosia chrysocoma, *Macq. Hist. Nat. Dipt.* i. 556, 4.
a. Ragatz, Switzerland. From Mr. Walker's collection.

Syrphus grossus, *Meig. Dipt.* iii. 281, 5. Cheilosia grossa, *Macq. Hist. Nat. Dipt.* i. 556, 5. Eristalis grossa, *Fall. Syrph.* 53, 6.
a. ———? From Mr. Children's collection.

Syrphus variabilis, *Panz. Faun. Germ.* 60, 10. *Latr. Gen. Crust.* iv. 325. *Meig. Dipt.* iii. 281, 6. Eristalis ater, *Fabr. Syst. Antl.* 246, 66. E. nigrita, *Fabr. Syst. Antl.* 244, 55. E. variabilis, *Fall. Syrph.* 54, 9. Cheilosia variabilis, *Macq. Hist. Nat. Dipt.* i. 557, 9.
a. England.
b. France.
c. Aix-la-Chapelle. Presented by F. Walker, Esq.
d. ———? From Mr. Children's collection.

Syrphus nigrinus, *Meig. Dipt.* iii. 282, 7.
a. England. Presented by F. Walker, Esq.

Sryphus viduus, *Meig. Dipt.* iii. 282, 9. Cheilosia vidua, *Macq. Hist. Nat. Dipt.* i. 556, 6. Musca viduata, *Fabr. Sp. Ins.* ii. 446, 54. *Ent. Syst.* iv. 336, 100. M. burdus? *Harr. Ex.* 106, *pl.* 32, *f.* 39.
a. England.
b. ———? From Mr. Children's collection.
c. ———?

SYRPHUS mutabilis, *Meig. Dipt.* iii. 281, 10. Cheilosia mutabilis, *Macq. Hist. Nat. Dipt.* i. 558, 14. Eristalis mutabilis, *Fall. Syrph.* 54, 10. *Zett. Ins. Lapp.* 614, 18.
a. ——— ? From Mr. Children's collection.

SYRPHUS Chlorus, *Meig. Dipt.* iii. 284, 11. Cheilosia chloris, *Macq. Hist. Nat. Dipt.* i. 558, 15.
a. France.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.

SYRPHUS scutellatus, *Meig. Dipt.* iii. 284, 12, *pl.* 30, *f.* 29, 30. M. tarditus, *Harr. Ex.* 106, *pl.* 32, *f.* 40. Eristalis scutellata, *Fall. Syrph.* 55, 13. *Zett. Ins. Lapp.* 613, 17. Cheilosia scutellata, *Macq. Hist. Nat. Dipt.* i. 560, 21.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

SYRPHUS means, *Fabr. Ent. Syst. Suppl.* 562, 63, 64. *Meig. Dipt.* iii. 285, 13. Milesia means, *Fabr. Syst. Antl.* 192, 19. Cheilosia means, *Macq. Hist. Nat. Dipt.* i. 560, 20.
a. England.
b. ——— ? From Mr. Children's collection.

SYRPHUS flavipes, *Panz. Faun. Germ.* 54, 10. *Meig. Dipt.* iii. 288, 19. Eristalis flavipes, *Zett. Ins. Lapp.* 611, 5.
a. ——— ? From Mr. Children's collection.

SYRPHUS vernalis, *Meig. Dipt.* iii. 290, 23. Eristalis vernalis, *Fall. Syrph.* 55, 12? *Zett. Ins. Lapp.* 611, 10? Cheilosia vernalis, *Macq. Hist. Nat. Dipt.* i. 557, 11.
a. ——— ? From Mr. Children's collection.

SYRPHUS maculatus, *Meig. Dipt.* iii. 295, 34. Eristalis maculata, *Fall. Syrph.* 52, 6.
a. England.
b. England. Presented by F. Walker, Esq.
c. ——— ? From Mr. Children's collection.

SYRPHUS latrans, *Barnston's MSS.*, mas. *Nigro-æneus, antennis ferrugineis, pedibus nigris, genubus ferrugineis, tarsis piceis, alis nigro-fuscis.* Fem. — *Tibiis basi tarsisque fulvis, alis sublimpidis.*

Male.—Brassy black: head beset with black hairs: eyes dark red: mouth and feelers ferruginous, bristle black: region of the mouth covered with hoary bloom and clothed with short hoary

hairs: chest clothed with black hairs: breast slightly gray: abdomen brassy, clothed with short tawny hairs: legs black; knees ferruginous; feet piceous: wings dark brown, especially along the fore borders; wing-ribs piceous; veins black; poisers tawny. *Female.* — Shanks tawny towards the base; feet tawny at the tips and beneath: wings nearly colourless. Length of the body 3—3½ lines; of the wings 6—7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Group II.

Syrphus Lucorum, *Fabr. Sp. Ins.* ii. 426, 25. *Ent. Syst.* iv. 291, 46. *Meig. Dipt.* iii. 313, 58, *pl.* 30, *f.* 27. *Macq. Hist. Nat. Dipt.* i. 537, 8. Musca Lucorum, *Linn. Syst. Nat.* ii. 985. *Faun. Suec.* 1803. *Gmel. Ed. Syst. Nat.* v. 2871, 36. *Turt.* iii. 643. M. pellucens, *Harr. Ex.* 82, *pl.* 24, *f.* 28. Eristalis Lucorum, *Fabr. Syst. Antl.* 241, 37. *Fall. Syrph.* 50, 1. *Zett. Ins. Lapp.* 610, 1.

a. England.
b. ——— ?

Syrphus amplus, n. s., fem. *Niger, pilis fulvis hirtus, abdomine pilis nigris late fasciato, antennis nigris, pedibus fulvis, tibiis posticis femoribusque piceis, alis subcinereis ad costam fusco maculatis.*

Body black: head clothed with short tawny hairs, covered with tawny down, beset on the crown with some brown hairs, bright yellow in front: mouth pitchy: feelers black; bristle tawny: eyes pitchy; all the facets small: chest very thickly clothed with dull tawny hairs: breast less thickly clothed: abdomen nearly round, longer and much broader than the chest, its length hardly exceeding its breadth, clothed with pale tawny hairs for more than one-third of the length, then succeeds a broad band of black hairs, and the tip is clothed with longer pale tawny hairs: legs tawny, clothed with short tawny hairs; thighs and hind shanks pitchy, clothed with black hairs; shanks and feet darker towards the tips; claws and foot-cushions tawny; tips of claws black: wings slightly tinged with gray, adorned with an irregular brown spot beneath the middle of the fore border; wing-ribs and veins pitchy, the latter ferruginous towards the base; poisers tawny, with a pitchy spot on the knob. Length of the body 6 lines; of the wings 15 lines.

a. ——— ? From Mr. Children's collection.

Group III. Doros, *Meigen.*

Syrphus conopseus, *Fabr. Sp. Ins.* ii. 429, 38. *Ent. Syst.* iv. 297, 69. *Latr. Gen. Crust.* iv. 325. *Cons. Gén.* 443. *Meig. Dipt.* 296, 35. S. coarctatus, *Panz. Faun. Ins. Germ.* 45, *f.* 22. Musca conopsea, *Gmel. Ed. Syst. Nat.* v. 2868, 21. *Schell. Gen. Mouch. pl.* 10, *f.* 1. *Turt.* iii. 645. M. profuges, *Harr. Ex.* 81, *pl.* 24, *f.* 25. Mulio conopseus, *Fabr. Ent. Syst. Suppl.* 559, 6. Milesia conopsea, *Fall. Syst. Antl.* 5, 29. Scæva conopsea, *Fall. Syrph.* 37, 2. Doros conopseus, *Meig. Macq. Hist. Nat. Dipt.* i. 5550, 1.

a. England.
b. France.
c. ———? From Mr. Children's collection.

Syrphus Balyras, n. s., fem. *Niger, thoracis lateribus flavo trimaculatis, abdomine fasciis quatuor flavis arcuatis ornato, antennis fulvis, pedibus flavis, femoribus posterioribus nigro cinctis, tibiis posticis apice piceis, pedibus anticis nigris, alis limpidis.*

Body black: head covered with golden down: eyes dark red, their facets larger in front: feelers and their bristles bright tawny: chest clothed with short tawny hairs, adorned with three yellow spots on each side; the middle pair of spots transverse and extending to the breast: abdomen convex, adorned with four slightly arched, yellow bands: legs yellow; four hinder thighs with broad black bands; hind shanks pitchy towards the tips; fore legs black, their shanks yellow at the base: wings colourless, tawny along the fore borders for nearly half the breadth; wing-ribs and veins pale tawny; poisers reddish tawny. Length of the body 5 lines; of the wings 9 lines.

a. New York. Presented by the Entomological Club.
b. Trenton Falls. Presented by E. Doubleday, Esq.

Group IV. Scæva, *Fallen.*

Syrphus festivus, *Fabr. Sp. Ins.* ii. 430, 47. *Ent. Syst.* iv. 300, 82. *Latr. Gen. Crust.* iv. 325. *Cons. Gén.* 443. Musca festiva, *Linn. Syst. Nat.* ii. 986. *Faun. Suec.* 1812. *Gmel. Ed. Syst. Nat.* v. 2874, 45. *Schrank, Faun. Boic.* iii. 2433. *Ins. Austr.* 906. *Stew. El.* ii. 265. *Turt.* iii. 647. M. arcuata, *Don. Brit. Ins.* xii. 84, *pl.* 424, *f.* 2. M. anteambulo, *Harr. Ex.* 60, *pl.* 15, *f.* 17. Musca, &c., *Geoff. Ins.* ii. 505, 27, *pl.* 18, *f.* 1. *Schæff. Icon. pl.* 36, *f.* 10. M. citrofasciata, *Deg.*

Ins. vi. 53, 9. Eristalis festivus, *Fabr. Syst. Antl.* 242, 46. Scæva festiva, *Fall. Syrph.* 38, 3. Doros festivus, *Macq. Hist. Nat. Dipt.* i. 550, 2.

a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.
c. France.
d. ———? From Mr. Children's collection.

Syrphus ornatus, *Meig. Dipt.* iii. 298, 37. Musca pedissequus, *Harris.* Doros ornatus, *Macq. Hist. Nat. Dipt.* i. 550, 3.

a. England.
b. France.
c. South of France. Presented by F. Walker, Esq.
d. ———?

Syrphus profusus, n. s., mas. *Æneus, capite humeris scutellique margine postico fulvis, abdomine nigro fulvo quadrimaculato, antennis piceis subtus ferrugineis, pedibus fulvis femoribus piceis, tibiis posticis ferrugineo fasciatis, alis subcinereis basi ad costam fulvis.*

Head tawny, clothed with pale yellow hairs, yellow in front: mouth pitchy: clypeus prominent: feelers pitchy, ferruginous beneath; bristle tawny, its tip pitchy: eyes almost black; facets on the fore part of the crown larger than those elsewhere: chest and breast brassy, thickly clothed with short tawny hairs; a tawny spot on each shoulder; hind border of the scutcheon tawny: abdomen nearly elliptical, black, thickly clothed with short tawny hairs, a little longer and broader than the chest, adorned with two tawny angular spots on each side; under side mostly tawny: legs tawny; hips and thighs pitchy; hind thighs tawny at the base; a broad ferruginous band across each hind shank; tips of feet pitchy; claws and foot-cushions tawny; tips of claws black: wings slightly gray, tawny at the base and along the fore borders, whose tips are brown; wing-ribs and veins tawny, the latter pitchy towards their tips; poisers tawny. Length of the body $5\frac{1}{2}$ lines; of the wings 11 lines.

a. Georgia. From Mr. Abbot's collection.

Syrphus arcuatus, *Meig. Dipt.* iii. 302, 43. *Macq. Hist. Nat. Dipt.* i. 536, 6. Scæva arcuata, *Fall. Syrph.* 42, 11. *Zett. Ins. Lapp.* 601, 9.

a. England.
b. France.
c. ———? From Mr. Children's collection.

SYRPHUS Pyrastri, *Fabr. Sp. Ins.* ii. 432, 58. *Ent. Syst.* iv. 305, 102. *Latr. Gen. Crust.* iv. 325. *Meig. Dipt.* iii. 303, 44. *Macq. Hist. Nat. Dipt.* i. 536, 3. Musca Pyrastri, *Linn. Syst. Nat.* ii. 987. *Faun. Suec.* 1817. *Gmel. Ed. Syst. Nat.* v. 2875, 51. *Schrank, Faun. Boic.* iii. 2431. *Ins. Austr.* 907. Musca, &c., *Reaum. Ins.* iii. *pl.* 31, *f.* 9. *Geoff. Ins.* ii. 517, 46. *Albin. Ins. pl.* 66, *a—d.* *Berk. Syn.* i. 163. *Don. Brit. Ins.* xii. 19, *pl.* 401, *f.* 1. *Stew. El.* ii. 266. *Turt.* iii. 649. M. Rosæ, *Deg. Ins.* vi. 49, 5, *pl.* 6, *f.* 14—21. Scæva Pyrastri, *Fabr. Syst. Antl.* 2493. *Fall. Syrph.* 39, 5. *Ruricola, Gard. Chron.* 1842, 1441. S. unicolor, var. *Curt. Brit. Ent.* 519.

a. England.
b. France.
c. Egypt.
d. ——— ? From Mr. Children's collection.

SYRPHUS Agnon, n. s., fem. *Nigro-cyaneus, fronte abdominisque fasciis tribus interruptis flavis, antennis piceis, pedibus fulvis posticis nigris, alis limpidis.*

Nearly allied to *S. Pyrastri.* Body bluish black: head yellow in front: mouth black: eyes and feelers pitchy: chest and breast clothed with short pale hairs; scutcheon with a tawny tinge: abdomen adorned with three interrupted yellow bands, of which the second and the third are curved on each side; the bands are entire on the underside: legs tawny; hind legs mostly black: wings colourless; wing-ribs, veins, and brands black; poisers tawny. Length of the body 5—5½ lines; of the wings 10—11 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.

SYRPHUS Alcidice, n. s., fem. *Nigro-æneus, capite scutelloque fulvis, abdominis fasciis quatuor cinereis, antennis fuscis, pedibus fulvis, posticis plerumque nigris, alis subcinereis.*

Nearly allied to *S. Ribesii.* Body brassy black: head tawny, adorned with a short black stripe in front: eyes brassy red: mouth black: feelers dark brown: chest and breast clothed with tawny hairs; scutcheon dark tawny: abdomen black, adorned with four interrupted gray bands; the band next the base has a tawny tinge on each side: legs tawny; thighs darker towards the base; hind legs, except the knees, almost black on the upper side: wings slightly gray; wing-ribs and brands dark brown; veins black; poi-

sers tawny. Length of the body 4½—5 lines; of the wings 9—10 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS arcucinctus, *Barnston's MSS. Nigro-æneus, fronte scutellique margine fulvescentibus, abdominis maculis sex fasciisque duabus flavis, antennis piceis, pedibus ferrugineis, posticis nigris, alis subcinereis.*

Allied to *S. Alcidice.* Body brassy black: head partly tawny in front: eyes dark red: mouth black: feelers pitchy; chest and breast clothed with short tawny hairs; scutcheon bluish black, with a slight tawny tinge on the border: abdomen adorned with three yellow cross spots on each side, and at the tip with two slender bands; second and third pair of spots slightly curved: legs ferruginous; hind legs black, with ferruginous knees: wings with a very slight gray tinge; wing-ribs pitchy; veins black; poisers tawny. Length of the body 5 lines; of the wings 10 lines.

Var. β. Hind legs tawny, shaded with brown.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS seleniticus, *Meig. Dipt.* iii. 304, 45, *pl.* 30, *f.* 21. Musca mellina, *Harr. Ex.* 80, *pl.* 24, *f.* 23.
a. England.
b. France.
c. ———? From Mr. Children's collection.

SYRPHUS ericetorum, *Fabr. Sp. Ins.* ii. 425, 18. *Ent. Syst.* iv. 287, 34. S. Salviæ, *Fabr. Ent. Syst.* iv. 306, 105. *Wied. Auss. Zweif.* ii. 122. 9. *Macq. Dipt. Exot.* ii. 88, 5, *pl.* 15, *f.* 7. Scæva Salviæ, *Fabr. Syst. Antl.* 250, 6.
a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b. North Bengal. From Miss Campbell's collection.
c. East Indies. From Archdeacon Clerk's collection.
d. ———?

SYRPHUS ægrotus, *Wied. Auss. Zweif.* ii. 118, 3. *Macq. Dipt. Exot.* ii. 88, 4. S. fascipennis, *Macq. Hist. Nat. Dipt.* i. 537, 9. Eristalis ægrotus, *Fabr. Syst. Antl.* 243, 48.
a. East Indies. From Archdeacon Clerk's collection.
b. ———?

SYRPHUS americanus, *Wied. Auss. Zweif.* ii. 129, 22. *Macq. Dipt. Exot.* ii. 94, 12.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS Grossulariæ, *Meig. Dipt.* iii. 306, 48. *Macq. Hist. Nat. Dipt.* i. 542, 26.
a. England.
b. ——? From Mr. Children's collection.

SYRPHUS Ribesii, *Fabr. Sp. Ins.* ii. 432, 57. *Ent. Syst.* iv. 304, 100. *Latr. Gen. Crust.* iv. 325. *Cons. Gén.* 443. *Meig. Dipt.* iii. 306, 49. *Macq. Hist. Nat. Dipt.* i. 538, 12. S. Philadelphicus, var.? *Macq. Dipt. Exot.* ii. 93, 11, *pl.* 16, *f.* 2. Musca Ribesii, *Linn. Syst. Nat.* ii. 987. *Faun. Suec.* 1816. *Gmel. Ed. Syst. Nat.* v. 2875, 50. *Deg. Ins.* vi. 47, 4, *pl.* 6, *f.* 3—13. *Schrank, Faun. Boic.* iii. 2408. *Ins. Austr.* 905. *Don. Brit. Ins.* xii. 21, *pl.* 401, *f.* 3. *Stew. El.* ii. 266. *Turt.* iii. 649. M. blandus, *Harr. Ex.* 106, *pl.* 32, *f.* 38. Musca, &c., *Geoff. Ins.* ii. 511, 37. Scæva Ribesii, *Fabr. Syst. Antl.* 248, 1. *Fall. Syrph.* 40, 6. *Zett. Ins. Lapp.* 599, 5. *Kirby, North Amer. Zool. Ins.* 315, 1.
a. England.
b. France.
c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
d. Nova Scotia. From Lieut. Redman's collection.
e. ——? From Mr. Children's collection.

SYRPHUS concavus, *Wied. Auss. Zweif.* ii. 130, 24. Scæva concava, *Say, Journ. Philad. Acad.* iii. 89, 3.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.
c. Trenton Falls. Presented by E. Doubleday, Esq.

SYRPHUS emarginatus, *Wied. Auss. Zweif.* ii. 119, 4. Scæva emarginata, *Say, Journ. Philad. Acad.* iii. 91, 5.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS affinis, *Wied. Auss. Zweif.* ii. 117, 2. Scæva affinis, *Say, Journ. Philad. Acad.* iii. 93, 9.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS topiarius, *Meig. Dipt.* iii. 305, 47. Scæva topiaria, *Zett. Dipt. Lapp.* 599, 4.
a. England.
b. France.
c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
d. New York. Presented by the Entomological Club.

SYRPHUS vitripennis, *Megerle*, *Meig. Dipt.* iii. 308, 50. *Macq. Hist. Nat. Dipt.* i. 538, 13. Scæva vitripennis, *Zett. Ins. Lapp.* 602, 15.
a. England.
b. ———? From Mr. Children's collection.
c. ———?

SYRPHUS lunulatus, *Meig. Dipt.* iii. 299, 39. *Macq. Hist. Nat. Dipt.* i. 536, 4. Scæva lunulata, *Zett. Ins. Lapp.* 600, 7.
a. England.
b. ———? From Mr. Children's collection.
c. ———?

SYRPHUS hyalinatus, *Meig. Dipt.* iii. 312, 56. *Macq. Hist. Nat. Dipt.* i. 543, 31. Scæva hyalinata, *Fall. Syrph.* 43, 13.
a. ———? From Mr. Children's collection.
b. ———?

SYRPHUS balteatus, *Meig. Dipt.* iii. 312, 57, *Macq. Hist. Nat. Dipt.* i. 538, 11. Musca balteata, *Deg. Ins.* vi. 52, 7. Musca, &c., *Geoff. Ins.* ii. 514, 40. *Schæff. Icon. pl.* 36, *f.* 12. M. alternata, *Gmel. Ed. Syst. Nat.* v. 2880, 384. *Schrank, Faun. Boic.* iii. 2417. *Ins. Austr.* 908. M. canabina, *Gmel. Ed. Syst. Nat.* v. 2864, 313. M. scitule, *Harr. Ex.* 111, *pl.* 33, *f.* 55, (mas.) M. scitulus, *Harr. Ex.* 105, *pl.* 32, *f.* 33, (fem.) Syrphus nectareus, *Fabr. Ent. Syst.* iv. 309, 116. *Panz. Faun. Germ.* lxxxii. 19. Scæva nectarea, *Fabr. Syst. Antl.* 253, 22. *Fall. Syrph.* 43, 14.
a. England.
b. France.
c. Italy. From Dr. Leach's collection.
d. Madeira.
e. ———? From Mr. Children's collection.

SYRPHUS alternans, mas. var.? *Macq. Dipt. Exot.* ii. 89, 7. *Æneus, capite flavo, scutello fulvo, abdomine flavo fasciis quinque nigris ornato, antennis fulvis nigro vittatis, pedibus flavis, alis limpidis.*

Head yellow, clothed with short white hairs: mouth and feelers tawny, the latter striped with black: eyes red: chest and breast brassy, thickly clothed with short tawny hairs; scutcheon dull tawny: abdomen yellow, clothed with short tawny hairs, adorned with five narrow black bands; the first of these bands is near to the second, and the third to the fourth; the fifth is more remote: legs bright yellow, clothed with whitish down: wings colourless; wing-ribs ferruginous; veins black, tawny towards the base; poisers tawny. Length of the body 4½ lines; of the wings 8 lines.

a. North Bengal. From Miss Campbell's collection.

SYRPHUS bifasciatus, *Fabr. Ent. Syst.* iv. 305, 101. *Macq. Hist. Nat. Dipt.* i. 539, 15. Scæva bifasciata, *Fabr. Syst. Antl.* 248, 2. *Fall. Syrph.* 40, 7. Musca interrupta, *Gmel. Ed. Syst. Nat.* v. 2879, 376. M. elegans, *Harr. Ex.* 105, *pl.* 32, *f.* 34.

a. England.
b. ——— ? From Mr. Children's collection.

SYRPHUS tricinctus, *Meig. Dipt.* iii. 310, 53. *Macq. Hist. Nat. Dipt.* i. 539, 16. Scæva tricincta, *Fall. Syrph.* 41, 9. *Zett. Ins. Lapp.* 600, 6.

a. ——— ? From Mr. Children's collection.

SYRPHUS Alneti, *Meig. Dipt.* iii. 310, 54. *Macq. Hist. Nat. Dipt.* i. 539, 17. *Zett. Ins. Lapp.* 598, 1. S. glaucius, *Panz. Faun. Germ.* 59, 17. S. nobilis, *Meig. Dipt.* iii. 316, 62. *Macq. Hist. Nat. Dipt.* i. 535, 1. Scæva Alneti, *Fall. Syrph.* 38, 4.

a. England.
b. ——— ? From Mr. Children's collection.

SYRPHUS glaucius, *Fabr. Sp. Ins.* ii. 431, 53. *Ent. Syst.* iv. 304, 97. *Macq. Hist. Nat. Dipt.* i. 543, 30. Musca glaucia, *Linn. Syst. Nat.* ii. 986. *Faun. Suec.* 1813. *Gmel. Ed. Syst. Nat.* v. 2874, 47. Eristalis glaucius, *Fabr. Syst. Antl.* 243, 49. Elophilus glaucius, *Latr. Gen. Crust.* iv. 324. Scæva glaucia, *Panz. Faun. Germ.* 104, 16. *Fall. Syrph.* 41, 8.

a. England.

SYRPHUS corollæ, *Fabr. Ent. Syst.* iv. 306, 106. *Meig. Dipt.* iii. 304, 46. *Macq. Hist. Nat. Dipt.* i. 539, 18. Musca pyrorum,

Schrank, *Faun. Boic.* iii. 2430. *Geoff. Ins.* ii. 518, 48. Scæva corollæ, *Fabr. Syst. Antl.* 250, 8. *Zett. Ins. Lapp.* 602, 16. S. olitoria, *Fall. Syrph.* 43, 12.

a. ——— ? From Mr. Children's collection.

Syrphus Babyssa, n. s., fem. *Cyaneus, ventre ferrugineo, antennis ferrugineis, pedibus fulvis, tibiis apice fuscentibus, tarsis piceis, alis fulvo subcinereis.*

Body bright deep blue, clothed with short tawny and hoary hairs: mouth and feelers ferruginous; bristles of the latter black: eyes red: abdomen dark ferruginous beneath: legs tawny; shanks shaded with brown towards the tips; feet pitchy: wings slightly gray, with a tawny tinge; wing-ribs ferruginous; veins black; poisers tawny, with pitchy knobs. Length of the body 4 lines; of the wings 9 lines.

a. Madeira. Presented by Mrs. Hope.

Syrphus adolescens, *Barnston's MSS.*, mas. et fem. *Nigro-æneus, fronte scutelloque fulvis, abdominis fasciis tribus latis interruptis unoque integro angusto flavis, antennis piceis, pedibus fulvis, femoribus basi nigris, alis sublimpidis.*

Allied to *S. arcucinctus.* Body brassy black: head tawny with a bluish tinge in front: mouth black: feelers pitchy: eyes dark red: chest and breast clothed with short tawny hairs; scutcheon dark tawny: abdomen adorned with three broad yellow broken bands, and with one narrow entire yellow band: legs tawny; thighs at the base and hind thighs, except their tips, black: wings nearly colourless; wing-ribs and brands dark brown; veins black; poisers tawny. Length of the body 4—5 lines; of the wings 8—10 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

b. Nova Scotia. From Lieut. Redman's collection.

Syrphus auricollis, *Meig. Dipt.* iii. 318, 64. *Macq. Hist. Nat. Dipt* 535, 2.

a. England.

b. France.

c. ——— ? From Mr. Children's collection.

Syrphus cinctus, *Meig. Dipt.* iii. 318, 65. Scæva cincta, *Fall. Syrph.* 45, 18.

a. ——— ? From Mr. Children's collection.

b. ——— ?

SYRPHUS Ortas, *White, Zool. Voy. Erebus and Terror.* Fem.—*Æneo-viridis, capite cyaneo, scutello fulvo, abdomine nigro, fasciis quatuor interruptis flavis, antennis piceis, pedibus fulvis, tarsis pedibusque posticis piceis, alis limpidis.*

Head blue, clothed with black hairs, covered in front with pale yellow down: mouth black: feelers piceous, ferruginous at the base; bristle black: chest brassy green, clothed with tawny hairs; scutcheon tawny: breast hoary, clothed with white hairs: abdomen deep black, thinly clothed with black and whitish hairs, adorned with four yellow bands, which are interrupted along the mid-back, especially towards the tip: legs tawny, clothed with whitish hairs; feet and hind legs pitchy: wings colourless; wing-ribs and poisers tawny; veins black. Length of the body 4½ lines; of the wings 8 lines.

a. New Zealand. Presented by Dr. Sinclair.

SYRPHUS Damastor, n. s., fem. *Æneus, scutello fulvescente, abdominis nigri fasciis quatuor plus minusve interruptis fulvis, antennis ferrugineis, pedibus fulvis, tarsis pedibusque posticis fuscis, femoribus intermediis basi nigris, alis limpidis.*

Allied to *S. scutatus.* Head clothed with whitish down, excepting the crown, where it is black and shining; there is a tawny spot at the base of the feelers, which are ferruginous: eyes red: chest brassy, clothed with short hoary hairs; breast gray; scutcheon with a tawny tinge: abdomen black, with four interrupted tawny bands; the second and the third bands are in some cases entire, and then their hind borders are angular: legs tawny; feet and hind legs tinged with brown; middle thighs black towards the base: wings colourless; wing-ribs and poisers tawny; veins black, tawny towards the base. Length of the body 4 lines; of the wings 8 lines.

a. New Holland. Presented by J. Hunter, Esq.
b. West Australia. From Mr. Clifton's collection.

SYRPHUS Agrolas, n. s., fem. *Nigro-cyaneus, abdominis nigri maculis quatuor magnis fulvis, antennis ferrugineis, pedibus fulvis, femoribus pedibusque posticis fuscis, alis subcinereis.*

Body bluish black, clothed with short tawny hairs: feelers ferruginous, their bristles black: eyes red: abdomen black, adorned with four large tawny spots, which occupy nearly all the breadth, and about half the length from the base of the third and the fourth segments; the hind borders of these spots are somewhat narrower

than their fore borders: legs tawny, clothed with short tawny hairs; thighs and hind legs mostly brown: wings slightly gray; wing-ribs and poisers tawny; veins black, tawny at the base. Length of the body 5 lines; of the wings 9 lines.

a. Van Dieman's Land. Presented by the Rev. Augustus Beaufort.

SYRPHUS orientalis, *Wied. Anal. Ent.* 36, 58. *Auss. Zweif.* ii. 139, 40.

a. Madras. Presented by Walter Elliot, Esq.

SYRPHUS guttatus, *Meig. Dipt.* iii. 322, 71. Scæva guttata, *Fall. Syrph.* 44, 16. *Zett. Ins. Lapp.* 604, 22.

a. ——— ?

b. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS 6-quadratus, *Barnston's MSS.*, mas. et fem. *Nigro-æneus aut nigro-cyaneus, fronte fulvo, scutello nonnunquam flavo, abdominis fasciis tribus latis interruptis duabusque angustis integris fulvis aut flavis, pedibus fulvis, femoribus basi tarsisque apice fuscis, pedibus posticis nigro-fuscis, alis subcinereis.*

Body brassy black: head hoary and clothed with short tawny hairs behind, beset with black hairs on the crown, tawny in front: eyes red: mouth black: feelers pitchy: scutcheon yellow: abdomen deep black, adorned with three broad yellow interrupted bands, and at the tip with two very narrow entire bands: on the underside the bands are not broken: legs tawny; thighs towards the base and feet towards the tips brown; hind legs dark brown: wings slightly gray; wing-ribs tawny; veins black; poisers yellow. Length of the body $3\frac{1}{2}$—4 lines; of the wings 7—8 lines.

Var. *a.* Body bluish black.
Var. *β.* Bands of the abdomen tawny.
Var. *γ.* Scutcheon brassy.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

a. Nova Scotia. From Lieut. Redman's collection.

SYRPHUS tibicen, *Wied. Auss. Zweif.* ii. 127, 19. *Macq. Dipt. Exot.* ii. 102, 26, *pl.* 17, *f.* 3. *Walk. Linn. Trans.* xvii. 346, 40.

a. Brazil. Presented by the Entomological Club.

SYRPHUS umbellatarum, *Fabr. Ent. Syst.* iv. 307, 107. *Meig. Dipt.* iii. 320, 68. Scæva umbellatarum, *Fabr. Syst. Antl.* 250, 9. *Fall. Syrph.* 44, 15. *Zett. Ins. Lapp.* 604, 21.
a. France.
b. Alten, Finmark. Presented by F. Walker, Esq.
c. ———? From Mr. Children's collection.
d. Nova Scotia. From Lieut. Redman's collection.

SYRPHUS cinctus, *Meig. Dipt.* iii. 318, 65. *Macq. Hist. Nat. Dipt.* i. 542, 27. Scæva cincta, *Fall. Syrph.* 45, 18. *Zett. Ins. Lapp.* 604, 21.
a. France.
b. ———? From Mr. Children's collection.

SYRPHUS Naso, *Barnston's MSS.*, fem. *Nigro-æneus, abdomine utrinque maculis quatuor fulvis, antennis piceis, pedibus fulvis, tibiis fuscis, metapedibus nigris, alis subcinereis.*

Body brassy: head prominent towards the mouth: mouth and feelers pitchy: eyes dark red: abdomen brassy black, adorned with four large tawny spots on each side: legs tawny; shanks slightly brown; hind legs black, their knees tawny: wings slightly gray; wing-ribs and poisers tawny; veins black, tawny towards the base. Length of the body $4\frac{1}{2}$ lines; of the wings 8 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS mellinus, *Fabr. Sp. Ins.* ii. 433, 61. *Ent. Syst.* iv. 308, 110. *Latr. Gen. Crust.* iv. 325. *Meig. Dipt.* iii. 331, 85. *Macq. Hist. Nat. Dipt.* i. 544, 35, 3. Musca mellina, *Linn. Faun. Suec.* 1827. *Gmel. Ed. Syst. Nat.* v. 2876, 55. *Deg. Ins.* vi. 52, 8. *Geoff. Ins.* ii. 516, 44. *Schrank, Ins. Austr.* 910. *Faun. Boic.* iii. 2410. Syrphus noctilucus, *Panz. Faun. Germ.* 72, 24. Scæva Rosarum, *Fall. Syrph.* 47, 22.? S. mellina, *Fabr. Syst. Antl.* 251, 12. *Fall. Syrph.* 46, 20. *Zett. Ins. Lapp.* 608, 40.
a. ———? From Mr. Childrens's collection.
b. ———?

SYRPHUS geminatus? *Wied. Auss. Zweif.* ii. 145, 50. Scæva geminata, *Say, Journ. Philad. Acad.* iii. 92, 7.
a. ———? From Mr. Children's collection.

SYRPHUS Agonis, n. s., mas. *Æneus, abdomine nigro, disco fulvo, margine suturis vittaque dorsali nigris, vittis lateralibus fuscis, antennis nigris, pedibus piceis, femoribus nigris, tibiis basi genubusque fulvis, alis subcinereis.*

Body brassy: head covered with hoary down, clothed behind with short tawny hairs, and on the crown with black hairs: mouth black, ferruginous towards the tip: feelers black: eyes brassy red: chest clothed with short tawny hairs: breast gray: abdomen tawny, with black sutures, a black border and a black stripe along the middle; there is also a slender brown stripe along each side: legs pitchy; thighs black; shanks towards the base and knees tawny; tips of four front shanks also tawny: wings slightly gray; wing-ribs and poisers tawny; veins black. Length of the body 3 lines; of the wings 6 lines.

a. Galapagos. Presented by C. Darwin, Esq.

SYRPHUS maculosus, *Meig. Dipt.* iii. 330, 84. *Macq. Hist. Nat. Dipt.* i. 544, 34.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

b. ——— ? From Mr. Children's collection.

Var. β. Hind thighs and hind shanks tawny: stripe of the abdomen not appearing beyond the second segment.

SYRPHUS scalaris, *Fabr. Ent. Syst.* iv. 308, 112. *Panz. Faun. Germ.* xlv. 20. *Latr. Gen. Crust.* iv. 325. *Meig. Dipt.* iii. 330, 83. *Macq. Hist. Nat. Dipt.* i. 544, 33. Scæva mellina, Var. β., *Fall. Syrph.* 46, 20. S. scalaris, *Fabr. Ent. Syst.* iv. 308, 112. *Syst. Antl.* 252, 14. *Zett. Ins. Lapp.* 608, 41.

a. England.
b. France.
c. Aix-la-Chapelle. Presented by F. Walker, Esq.
d. ——— ? From Mr. Children's collection.
e. ——— ?
f. Ohio. Presented by the Entomological Club.
g. New York. Presented by E. Doubleday, Esq.
h. Trenton Falls. Presented by E. Doubleday, Esq.
i. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS gracilis, *Meig. Dipt.* iii. 328, 80. *Macq. Hist. Nat. Dipt.* i. 543, 32.

a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.
c. New York. Presented by the Entomological Club.

SYRPHUS Automenes, n. s., fem. *Cyaneus, abdomine nigro-purpureo maculis octo flavis ornato, antennis ferrugineis, pedibus fulvis, femoribus posticis nigro cinctis, tibiis posticis nigris, alis limpidis.*

Body deep blue: mouth and feelers ferruginous: eyes red: abdomen bluish black, with a purple tinge, adorned with four yellow spots on each side; first pair of spots small, nearly square; second and third pairs larger, concave on the outer sides of their hind borders; fourth pair smaller and transverse: legs tawny; a black ring near the tip of each hind thigh; hind shanks mostly black: wings colourless; wing-ribs and poisers tawny; veins brown, tawny towards the base. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

SYRPHUS iridipennis, *Walker*, *Linn. Trans.* xvii. 345, 38.
a. South America. Presented by the Entomological Club.
b. ——— ? From Mr. Children's collection.

SYRPHUS Antiphates, n. s., mas. *Cyaneo-viridis, capite cyaneo, thoracis lateribus æneis, abdomine nigro maculis octo fulvis ornato, apice æneo, antennis ferrugineis, pedibus fulvis, posticis piceis, alis nigro-fuscis.*

Body bluish green: head blue and covered with white down in front: mouth and feelers ferruginous: eyes bright red: chest with a brassy tinge on each side: abdomen black, narrow, adorned with four tawny spots on each side, brassy at the tip: legs tawny; hind legs pitchy: wings blackish brown; wing-ribs pitchy; veins black; poisers tawny. Length of the body 3 lines; of the wings 5 lines.

a. Jamaica. From Mr. Gosse's collection.

SYRPHUS Amissas, n. s., mas. *Æneus, fronte fulva, antennis nigris, pedibus fulvis, posticis nigris, alis fuscis, maculis duabus posticis limpidis.*

Body dark bronze: head a little broader than the chest, tawny in front: eyes red; facets very small: mouth and feelers black: abdomen slender, nearly cylindrical, slightly increasing in breadth towards the tip, more than twice the length of the chest and about half its breadth: legs tawny; hind legs black: wings dark brown, each with a large colourless angle near the tip of the hind border, which is also colourless towards the base; wing-ribs piceous; veins

black; poisers ferruginous. Length of the body 4½ lines; of the wings 8 lines.

a. Georgia. From Mr. Abbot's collection.

SYRPHUS Peas, n. s., mas. *Purpureo-æneus, capitis macula nigro-cyanea, fronte flavo, abdomine nigro fasciis purpureis, antennis nigris, pedibus piceis, femoribus basi flavis, alis fuscis maculis duabus posticis limpidis.*

Body purplish bronze: head a little broader than the chest, yellow in front, adorned with a large bluish black spot above the base of the feelers: eyes red; facets very small: mouth and feelers black: abdomen slender, nearly cylindrical, slightly increasing in breadth towards the tip, more than twice the length of the chest, and not half its breadth; each segment adorned with a purple band: legs pitchy; four front thighs yellow for half the length from the base; hind thighs tawny at the base: wings dark brown, with a large colourless angle near the tip of the hind border, which is also colourless at the base, and there are some almost colourless spots between it and the disk; wing-ribs and veins black; poisers tawny, with piceous knobs. Length of the body 5 lines; of the wings 8 lines.

a. ——— ? From Mr. Children's collection.

SYRPHUS Radaca, n. s., mas. *Æneus, abdomine fasciis rufis canisque, antennis nigris, pedibus fulvis, posticis piceis, alis limpidis dimidio costali fuscis fuscoque fasciatis.*

Body dark bronze: head a little broader than the chest, white, and clothed with short white hairs behind and beneath, tawny in front: eyes red; facets very small: mouth and feelers black: breast covered with white bloom: abdomen slender, slightly increasing in breadth from the base to the tip, much narrower than the chest, and more than twice its length; a broad, dark red band on each segment, whose hind border is covered with hoary bloom: legs dark tawny; hind legs pitchy: wings dark brown along the fore borders for the whole length and for near half the breadth; the dark part is sometimes varied with colourless stripes, its outline is irregular, and it joins the hind border by a broad, irregular band a little beyond two-thirds of the length of the wing; wing-ribs and veins black; poisers tawny. Length of the body 4½ lines; of the wings 8 lines.

a. Florida. Presented by E. Doubleday, Esq.

SYRPHUS Æsyctes, n. s., mas. *Nigro-æneus, abdomine piceo-æneo, antennis pedibusque piceis, genubus anterioribus fulvis, alis subcinereis.*

Head brassy, clothed with black hairs, covered in front with white down: mouth black: feelers piceous; bristle black: eyes dark red: chest and breast brassy black; the former clothed with black hairs, the latter with shorter hoary hairs: abdomen pitchy-bronze, clothed with short black hairs: legs pitchy, hairy; four front knees tawny: wings slightly gray; wing-ribs and poisers ferruginous; veins black. Length of the body 2½ lines; of the wings 5 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS Rosarum, *Fabr. Ent. Syst.* iv. 307, 109. *Meig. Dipt.* iii. 338, 94. *Macq. Hist. Nat. Dipt.* i. 545, 39. Scæva Rosarum, *Fabr. Syst. Antl.* 251, 11. *Panz. Faun. Germ.* 108, 14. Musca Rosarum, *Gmel. Ed. Syst. Nat.* v. 2877, 366.

a. England.
b. France.
c. ——? From Mr. Children's collection.

Group V. Platycheirus, *St. Fargeau* and *Serville.*

SYRPHUS granditarsa. Musca granditarsa, *Forst. Cent.* i. 99. *Stew. El.* ii. 263. *Turt.* iii. 626. M. brassicaria, *Panz. Faun. Germ.* 20, 20. Syrphus lobatus, *Meig. Dipt.* iii. 336. S. Ocymi, *Fabr. Ent. Syst.* iv. 309, 114. *Panz. Faun. Germ.* 82, 18. *Meig. Dipt.* iii. 337, 93. *Macq. Hist. Nat. Dipt.* i. 546, 40. *Schiodte, Kroyer, Nat. Tids.* iv. 326, 9. Scæva Ocymi, *Fabr. Syst. Antl.* 252, 18. *Fall. Syrph.* 48, 23. *Zett. Ins.* 607, 36.

a. England.
b. ——? From Mr. Children's collection.
c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

SYRPHUS albimanus, *Fabr. Sp. Ins.* ii. 434, 63. *Ent. Syst.* iv. 310, 117. *Meig. Dipt.* iii. 333, 87. *Macq. Hist. Nat. Dipt.* i. 546, 41. *Schiodte, Kroyer, Nat. Tids.* iv. 326, 8. Musca albimanus, *Gmel. Ed. Syst. Nat.* v. 2876, 364. *Stew. El.* ii. 266. *Turt.* iii. 651. Scæva albimana, *Fabr. Syst. Antl.* 253, 23. *Zett. Ins. Lapp.* 607, 35.

a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.

Syrphus scutatus, *Meig. Dipt.* iii. 333, 88. *Macq. Hist. Nat. Dipt.* i. 546, 42. *Schiodte, Kroyer, Nat. Tids.* iv. 322, 3. M. albimana? *Turt.* iii. 651. Scæva albimana, *Fall. Syrph.* 46, 19.
a. England.
b. Aix-la-Chapelle. Presented by F. Walker, Esq.
c. ——— ?

Syrphus peltatus, *Meig. Dipt.* iii. 334, 89, *pl.* 30, *f.* 31, 32. *Macq. Hist. Nat. Dipt.* i. 547, 43. *Schiodte, Kroyer, Nat. Tids.* iv. 322, 2. Scæva albimana, var., *Fall. Syrph.* 46, 19. S. peltata, *Zett. Ins. Lapp.* 606, 30. Musca navus? *Harr. Ex.* 109, *pl.* 32, *f.* 46.
a. England.

Syrphus clypeatus, *Meig. Dipt.* iii. 335, 90. *Macq. Hist. Nat. Dipt.* i. 547, 44. *Schiodte, Kroyer, Nat. Tids.* iv. 323, 4. Scæva albimana, var., *Fall. Syrph.* 46, 19. S. clypeata, *Zett. Ins. Lapp.* 606, 31.
a. England.

Syrphus manicatus, *Meig. Dipt.* iii. 336, 91. *Macq. Hist. Nat. Dipt.* i. 548, 46. *Schiodte, Kroyer, Nat. Tids.* iv. 321, 1. Scæva manicata, *Zett. Ins. Lapp.* 606, 33.
a. England.

Group VI. Sphærophoria, *St. Fargeau* and *Serville.*

Syrphus scriptus, *Fabr. Sp. Ins.* ii. *Ent. Syst.* iv. 308, 113. *Latr. Gen. Crust.* iv. 325. *Meig. Dipt.* iii. 324, 73. Musca scripta, *Linn. Syst. Nat.* ii. 987. *Faun. Suec.* 1820. *Gmel. Ed. Syst. Nat.* v. 2876, 54. *Stew. El.* ii. 266. *Turt.* iii. 651, M. invisito, *Harr. Ex.* 83, *pl.* 24, *f.* 31. Musca, &c., *Geoff. Ins.* ii. 514, 41. *Roesel, Ins.* ii. *Musc. pl.* 6. *Schell. Gen. Mouch. pl.* 10, *f.* 2. Scæva scripta, *Fabr. Syst. Antl.* 253, 17. *Zett. Ins. Lapp.* 605, 28. S. Menthastri, *Fall. Syrph.* 48, 24. Sphærophoria scripta, *Macq. Hist. Nat. Dipt.* i. 551, 1.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.
d. Aix-la-Chapelle. Presented by F. Walker, Esq.
e. Nova Scotia. From Lieut. Redman's collection.

Syrphus tæniatus, *Meig. Dipt.* iii. 325, 74, *pl.* 30, *f.* 35, 36. Scæva Menthastri, var., *Fall. Dipt. Suec. Syrph.* 48, 24. S. tæniata, *Zett. Ins. Lapp.* 605, 27. Sphærophoria tæniata, *Macq. Hist. Nat. Dipt.* 551, 2.
a. England.

Syrphus Menthastri, *Fabr. Sp. Ins.* ii. 433, 59. *Ent. Syst.* iv. 308, 111. *Latr. Gen. Crust.* iv. 325. *Meig. Dipt.* iii. 325, 75. Musca Menthastri, *Linn. Faun. Suec.* 1819. *Deg. Ins.* vi. 53, 10. *Gmel. Ed. Syst. Nat.* v. 2875, 53. *Schrank, Ins. Austr.* 909. *Faun. Boic.* iii. 2409. Scæva Menthastri, *Fabr. Syst. Antl.* 251, 13. Sphærophoria Menthastri, *Macq. Hist. Nat. Dipt.* i. 551, 3.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.
d. Alten, Finmark. Presented by F. Walker, Esq.
e. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
f. Nova Scotia. From Lieut. Redman's collection.
g. New York. Presented by the Entomological Club.
h. Trenton Falls. Presented by E. Doubleday, Esq.

Syrphus Melissæ, *Meig. Dipt.* iii. 326, 76. Scæva Menthastri, var., *Fall. Dipt. Suec. Syrph.* 42, 24. S. Melissæ, *Zett. Ins. Lapp.* 606, 29. Sphærophoria Melissæ, *Macq. Hist. Nat. Dipt.* i. 552, 7.

a. England.
b. France.
c. Alten, Finmark. Presented by F. Walker, Esq.
d. ——— ? From Mr. Children's collection.

Syrphus pictus, *Meig. Dipt.* iii. 326, 77. Sphærophoria picta, *Macq. Hist. Nat. Dipt.* i. 553, 8.

a. ——— ?

Syrphus hieroglyphicus, *Megerle, Meig. Dipt.* iii. 327, 78.

a. Aix-la-Chapelle. Presented by F. Walker, Esq.
b. ——— ? From Mr. Children's collection.
c. Nova Scotia.

Syrphus Ropalus, *White, Zool. Voy. Erebus and Terror.* Fem.—*Fulvus, capitis thoracisque discis æneis, abdominis nigri fasciis quatuor luteis, 1° et 4° interruptis, antennis pedibusque fulvis, alis limpidis.*

Head tawny, coppery on the crown: eyes red: feelers tawny; bristle black: chest coppery; sides tawny; scutcheon orange; breast hoary: abdomen black, narrow, linear, orange on each side of the base, adorned with four broad orange bands, of which the first and the fourth are interrupted along the mid-back: legs tawny:

wings colourless; wing-ribs and poisers tawny; veins black, tawny towards the base. Length of the body 4 lines; of the wings 7 lines.

a. New Zealand. Presented by Dr. Sinclair.

SYRPHUS Bacchides, n. s., fem. *Æneo-viridis, capite thoracis lateribus scutelloque flavis, abdomine nigro, basi fasciis duabus dorsi vittisque nonnullis apicis flavis ornato, pedibus fulvis, alis limpidis.*

Allied to *S. geminatus.* Head yellow, with a bright coppery stripe on the crown: mouth and feelers tawny: eyes red: chest and breast coppery green, clothed with short black hairs; sides and scutcheon yellow, disk of the latter tawny: abdomen black, yellow at the base, and from thence to the middle on each side adorned with two yellow bands, the second band is slightly arched and broader than the first; on the last segment but one there are four stripes, of which the inner pair are narrow and straight, the outer pair are broad and oblique; the last segment is adorned with four straight stripes, of which the side pair are broader than the inner pair: legs pale tawny; feet and hind legs shaded with darker colour: wings colourless; wing-ribs and poisers tawny; veins black. Length of the body 3 lines; of the wings 5 lines.

a. Florida. Presented by E. Doubleday, Esq.

SERICOMYIA, *Meigen.*

SERICOMYIA borealis, *Meig. Dipt.* iii. 343, 2, *pl.* 31, *f.* 9. *Macq. Hist. Nat. Dipt.* i. 496, 3. *Zett. Ins. Lapp.* 590, 1. Musca lappona, *Deg. Ins.* vi. 61, 6, *pl.* 8, *f.* 14. Musca silentis, *Harr. Ex.* 89, *pl.* 15, *f.* 14. Sericomyia lapponum, *Latr. Gen. Crust.* iv. 322. Syrphus borealis, *Fall. Syrph.* 20, 7.

a. England.
b. ——— ? From Mr. Children's collection.

SERICOMYIA lappona, *Latr. Gen. Crust.* iv. 322. *Cons. Gén.* 443. *Meig. Dipt.* iii. 344, 3. *Macq. Hist. Nat. Dipt.* i. 496, 4. *Zett. Ins. Lapp.* 590, 2. Musca lappona, *Linn. Syst. Nat.* ii. 983. *Faun. Suec.* 1794. *Gmel. Ed. Syst. Nat.* v. 2867, 27. Syrphus lapponum, *Fabr. Sp. Ins.* ii. 422, 4. *Ent. Syst.* iv. 280, 7. *Syst. Antl.* 226, 7. *Fall. Syrph.* 208.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

SERICOMYIA mussitans, *Meig. Dipt.* iii. 345, 4. *Macq. Hist. Nat. Dipt.* i. 496, 2, *pl.* 11, *f.* 11. Musca mussitans, *Gmel. Ed. Syst. Nat.* v. 2867, 327. M. fulvus, *Harr. Ex.* 80, *pl.* 24, *f.* 22. Syrphus mussitans, *Fabr. Sp. Ins.* ii. 422, 3. *Ent. Syst.* iv. 279, 6. *Syst. Antl.* 225, 6. *Panz. Faun. Germ.* i. 15. *Fall. Syrph.* 18, 4.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

SERICOMYIA militaris, *Barnston's MSS.*, fem. *Nigra, scutello piceo margine postico ferrugineo, abdomine maculis sex transversis fulvis, antennis nigris, pedibus ferrugineis, femoribus nigris, alis cinereis ad costam fulvis apice fusco nebulosis.*

Body black, shining, thickly clothed with short pale tawny hairs: head, with the exception of the crown and of a stripe between the feelers and the mouth, covered with pale yellow down: mouth black: feelers black; bristle feathered: eyes black; all the facets small: each side of the chest adorned with two tufts of yellow hairs, one before, the other behind the wing; scutcheon pitchy, clothed with black hairs, ferruginous along the hind border: abdomen nearly oval, rather longer and broader than the chest; hind borders of the segments fringed with short pale yellow hairs; second, third, and fourth segments adorned with tawny bands on each side; first pair of bands short; second pair long; third pair rather shorter than the second: legs ferruginous, clothed with short tawny hairs; hips and thighs black, clothed with black hairs; feet beset with very short black bristles, black towards the tips; foot-cushions tawny; claws black, ferruginous towards the base: wings gray, clouded with brown at the tip of the fore border, which is tawny for more than half the length from the base; wing-ribs black; veins ferruginous; poisers pitchy. Length of the body 6—6½ lines; of the wings 12—13 lines.

Var. β. First pair of abdominal bands reduced to two dots.

Var. γ. Like var. β: second pair of abdominal bands much shorter than the third.

Var. δ. First pair of abdominal bands wanting.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.

SERICOMYIA filia, n. s., fem. *Nigra, abdomine nigro-æneo fasciis tribus interruptis fulvis, antennis nigris, pedibus fulvis, femoribus basi tarsisque apice piceis, alis limpidis ad costam subfuscis.*

Body black, thickly clothed with short yellow hairs: head yellow, black on the crown, and having a black stripe between the feelers and the mouth, which is black; sides of the peristoma pitchy; feelers black: eyes pitchy, slightly bronzed; facets on the fore part of the crown larger than those elswhere: abdomen nearly oval, slightly bronzed, rather longer and broader than the chest, adorned with three tawny bands, which are interrupted on the back: legs tawny, clothed with short yellow hairs; hips, middle thighs at the base, and fore thighs from the base to the middle pitchy; feet pitchy towards the tips; claws and foot-cushions tawny; tips of claws black: wings colourless, slightly brown along the fore borders from the base to beyond the middle; wing-ribs and poisers pitchy: veins tawny. Length of the body 4½—5 lines; of the wings 10—11 lines.

Var. *β*. The brown on the fore border of the wing extends to the tip, which is dark gray.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.

SERICOMYIA 6-fasciata, *Barnston's MSS.*, mas. *Nigra, thorace nigro-æneo, abdomine fasciis tribus interruptis flavis, antennis ferrugineis, pedibus nigris, genubus tibiis basi tarsisque ferrugineis, alis subfulvis.*

Body black, thinly clothed with short tawny hairs: head covered with pale yellowish down, beset on the crown with a few black hairs; a black stripe extends from the crown to the mouth, which is also black: feelers ferruginous; first and second joints black; bristle feathered, black towards the tip: eyes black; facets on the fore part of the crown rather larger than those elsewhere: chest slightly bronzed, with a small hoary band on each side of the front: abdomen deep black, not shining, nearly oval, thinly clothed with short tawny hairs; knees, feet, and tips of shanks ferruginous; tips of feet pitchy; foot-cushions tawny; claws ferruginous with black tips: wings slightly tawny, darker at the base and along the fore borders; wing-ribs and veins black, the latter ferruginous towards the base; poisers pale tawny. Length of the body 6 lines; of the wings 11 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

CRIORHINA, *Hoffmansegg.*

CRIORHINA apicata, *Macq. Hist. Nat. Dipt.* i. 497, 1. Musca apiformis, *Schrank, Ins. Austr.* 933. *Faun. Boic.* iii. 2436. *Gmel. Ed. Syst. Nat.* v. 2865, 296. Milesia apicata, *Meig. Dipt.* iii 236, 10.
a. England.

CRIORHINA oxyacanthæ, *Macq. Hist. Nat. Dipt.* i. 498, 3. Milesia oxyacanthæ, *Meig. Dipt.* iii. 237, 12.
a. England.
b. France.
c. ———? From Mr. Children's collection.

CRIORHINA asilica, *Macq. Hist. Nat. Dipt.* i. 498, 5. Syrphus asilicus, *Fall. Syrph.* 22, 10. Milesia asilica, *Meig. Dipt.* iii. 238, 14.
a. England.
b. France.
c. ———? From Mr. Children's collection.

CRIORHINA ruficauda, *Macq. Hist. Nat. Dipt.* i. 498, 7. Musca ruficaudis, *Deg. Ins.* vi. 56, 17. Milesia ruficauda, *Meig. Dipt.* iii. 239, 15.
a. England.

TROPIDIA, *Meigen.*

TROPIDIA milesiformis, *Meig. Dipt.* iii. 346, *pl.* 31, *f.* 14. *Macq. Hist. Nat. Dipt.* i. 518, 1. T. rufomaculatus, var.? *Curt. Brit. Ent.* 401. Musca scitus, *Harr. Ex.* 107, *pl.* 32, *f.* 41. Eristalis milesiformis, *Fall. Syrph.* 52.
a. England.
b. France.
c. ———? From Mr. Children's collection.

MERODON, *Latreille.*

MERODON clavipes, *Fabr. Syst. Antl.* 195, 1. *Latr. Cons. Gén.* 443. *Meig. Dipt.* iii. 351, *pl.* 31, *f.* 22. *Curt. Brit. Ent.* ii. 98. *Macq. Hist. Nat. Dipt.* i. 513, 1, *pl.* 11, *f.* 20. Syrphus clavipes, *Fabr. Sp. Ins.* ii. 427, 29. *Ent. Syst.* iv. 292, 50. Musca curvipes, *Gmel. Ed. Syst. Nat.* v. 2871, 347. Milesia clavipes, *Latr. Gen. Crust.* iv. 331.
a. England.
b. France.
c. Martigny, Switzerland. Presented by F. Walker, Esq.
d. ———?

MERODON Narcissi, *Meig. Dipt.* iii. 354, 6. *Macq. Hist. Nat. Dipt.* i. 514, 5. *St. Farg. et Serv. Ency. Meth.* x. Eristalis Narcissi, *Fabr. Syst. Antl.* 239, 32.

Var.? Merodon equestris, *Fabr. Syst. Antl.* 196, 2. *Meig. Dipt.* iii. 352, 2. *Macq. Hist. Nat. Dipt.* i. 514, 3. Syrphus equestris, *Fabr. Ent. Syst.* iv. 292, 51. *Panz. Faun. Germ.* 60, 1. S. fusiformis, *Schell. Gen. Mouch. pl.* 11, *f.* 1. *Reaum. Ins.* iv. *pl.* 34, *f.* 9, 10.

Var.? Merodon nobilis, *Meig. Dipt.* iii. 353, 3. *Macq. Hist. Nat. Dipt.* i. 514, 4.

Var.? Merodon transversalis, *Meig. Dipt.* iii. 354, 4. Syrphus equestris, mas., *Panz. Faun. Germ.* 60, 2.

Var.? Merodon constans, *Hoffmansegg*, *Meig. Dipt.* iii. 354, 5.

Var.? Merodon ferrugineus, *Meig. Dipt.* iii. 355, 7. Eristalis ferrugineus, *Fabr. Syst. Antl.* 240, 35.

Var.? Merodon flavicans, *Meig. Dipt.* iii. 355, 8. Syrphus flavicans, *Fabr. Ent. Syst.* iv. 292, 52. Eristalis flavicans, *Fabr. Syst. Antl.* 242, 40.

Var.? Merodon fulvus, *Macq. Hist. Nat. Dipt.* i. 514, 2.

a. France.

MERODON parietum, *Hoffmansegg*, *Meig. Dipt.* iii. 360, 17.

a. ——— ?

MERODON Mœnium, *Hoffmansegg*, *Meig. Dipt.* iii. 362, 19.

a. France.

MERODON viaticus, *Fabr. Syst. Antl.* 197, 6. *Meig. Dipt.* iii. 364, 22.

a. ——— ?

MERODON aureus, *Fabr. Syst. Antl.* 198, 8. *Meig. Dipt.* iii. 366, 26.

a. France.

MERODON curvipes, *Wied. Auss. Zweif.* ii. 149, 3.

a. ——— ? Presented by the Entomological Club.

b. Nova Scotia. From Lieut. Redman's collection.

MERODON bardus, *Say.*

a. New Hampshire. Presented by the Entomological Club.

MERODON morosus, n. s., fem. *Niger, scutello fulvo, abdominis fasciis subinterruptis cinereis, antennis pedibusque nigris, genubus ferrugineis, alis albidis.*

Body black, punctured, rather dull, clothed with pale tawny hairs: head clothed with whitish down in front, prominent about the mouth, which is black: feelers black, their bristles ferruginous: eyes dark red: chest more thickly clothed than is the breast; scutcheon tawny, clothed with longer hairs: segments of the abdomen adorned with gray bands, whose hind borders are much indented in the middle: legs black, clothed with short tawny hairs; knees ferruginous; soles of the feet covered with bright tawny down: wings whitish; wing-ribs ferruginous; veins pale tawny; poisers yellow. Length of the body 6 lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.

MERODON contrarius, n. s., mas. et fem. *Niger, abdominis fasciis interruptis cinereis, antennis rufis, pedibus nigris, alis nigro-cinereis.*

Body black, dull, clothed with black hairs: head a little broader than the chest; front bright tawny: mouth black: feelers red: eyes brassy black; all the facets small: fore borders of the abdominal segments adorned with interrupted gray bands: legs black, clothed with short black hairs; soles of the feet covered with ferruginous down: wings blackish gray; wing-ribs and veins black; poisers pitchy. Length of the body 6 lines; of the wings 10 lines.

a. New Holland.

MERODON bipartitus, n. s., fem. *Niger, antennis piceis setis fulvis, pedibus nigris, tibiis basi pedibusque subtus ferrugineis, alis subcinereis fusco ad costam unimaculatis.*

Body black: head shining, clothed with tawny and black hairs, prominent about the mouth, which is black: feelers pitchy; bristle tawny: eyes black; all the facets very small: chest thickly clothed with yellowish white hairs: abdomen linear, shining, a little longer and broader than the chest, thinly clothed with short tawny hairs, covered more thickly towards the tip with black hairs: legs black, clothed with short black hairs; shanks ferruginous towards the base; feet ferruginous beneath; claws and foot-cushions tawny; tips of feet black: wings slightly gray, with a small brown spot under the middle of the fore border; wing-ribs and veins pitchy; veins tawny towards the base and along the fore borders; poisers tawny. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Georgia. From Mr. Abbot's collection.

MERODON Bautias, n. s., mas. et fem. *Niger, pilis fulvis vestitus, abdominis lateribus nigro-pilosis, antennis pedibusque nigris, tarsis fulvis, alis cinereis ad costam subfuscis.*

Allied to Imatisma posticata, *Macq. Dipt. Exot.* ii. 68, 1, *pl.* 12, *f.* 2. Eristalis posticatus, *Fabr. Syst. Antl.* 237, 21. *Wied. Auss. Zweif.* ii. 194, 62. Body broad, thick, black: head shining, clothed with pale tawny hairs, not so broad as the chest; clypeus large: mouth and feelers black; bristle tawny: eyes black; facets small, those on the fore part of the crown rather larger: chest thickly clothed with pale tawny hairs: abdomen black, obconical, very shining, clothed with black hairs on each side, covered with dark ferruginous bloom, a little longer and narrower than the chest: legs black, clothed with black hairs; feet tawny beneath towards the tips; claws and foot-cushions tawny; tips of claws black; hind thighs toothed, remarkably thick; hind shanks curved, broad, toothed beneath: wings slightly gray, tinged with brown along the fore border, in whose middle there is a small dark brown spot; wing-ribs pitchy; veins black, pitchy towards the base; poisers tawny. Length of the body 6½—8 lines; of the wings 13—16 lines.

a. Georgia. From Mr. Abbot's collection.

MERODON Balanus, n. s. *Niger, pilis fulvis hirtus, scutello ferrugineo, abdomine basi pilis ferrugineis apice subtusque pilis nigris hirto, antennis piceis, pedibus nigris, tibiis piceis, tarsis ferrugineis, alis subcinereis.*

Body black: head clothed with black hairs, narrower than the chest: mouth black: feelers pitchy; bristle tawny: eyes bronzed; facets on the fore part of the crown rather larger than elsewhere: chest and breast thickly clothed with bright tawny hairs; scutcheon ferruginous: abdomen slightly decreasing in breadth from the base to the tip, a little longer and broader than the chest, clothed from the base to near the middle with ferruginous hairs, and with black hairs from thence to the tip and on the whole of the underside; legs black, clothed with black and tawny hairs; shanks pitchy: knees and feet ferruginous; foot-cushions tawny; claws black, ferruginous at the base; hind thighs and hind shanks thick, the latter slightly curved: wings slightly tinged with gray; wing-ribs, veins, and poisers pitchy. Length of the body 7 lines; of the wings 15 lines.

a. New York. Presented by E. Doubleday, Esq.

MERODON umbrifer, n. s. mas. *Fuscus, scutelli margine postico fulvo, abdominis apice antennisque piceis, pedibus ferrugineis, femoribus tibiisque posticis piceis, alis cinereis basi fulvis disco fuscis.*

Body brown, covered with tawny down: mouth black: feelers pitchy, seated on a protuberance; third joint truncate; bristle tawny, darker towards the tip: eyes bronzed; facets on the fore part of the crown rather larger than those elsewhere: hind border of the scutcheon pale tawny: abdomen obconical, broader, but hardly longer than the chest, pitchy towards the tip: legs ferruginous, partly pitchy, clothed with short tawny and black hairs; hind thighs and hind shanks thick, dark pitchy, the latter slightly curved; foot-cushions tawny; claws black, ferruginous at the base: wings gray, tawny towards the base; a large brown spot on each disk: wing-ribs ferruginous; veins tawny, pitchy towards the tips; poisers tawny. Length of the body 6 lines; of the wings 10 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

MERODON tenebricus, n. s., fem. *Niger, thoracis vittis quinque canis, scutelli margine postico ferrugineo, abdominis lateribus cano maculatis, segmentorum apicem versus marginibus posticis fulvis, antennis rufis, pedibus piceis, femoribus posticis nigris, tibiis posticis ferrugineis, alis fuscis.*

Body black: head covered with pale dull tawny bloom, clothed with pale yellow hairs; crown black, shining, beset with a few black hairs: mouth black: feelers red: eyes bronzed, bright; all the facets very small: chest thinly clothed with short black hairs, adorned with five hoary stripes; middle stripe very slender; hind border of the scutcheon ferruginous; breast clothed with hoary hairs: abdomen short-obconical, not longer than the chest, very thinly clothed with short tawny hairs, adorned on each side with large patches of hoary bloom; hind borders of the last segments tawny: legs pitchy, clothed with short tawny hairs; foot-cushions tawny; claws ferruginous, with black tips; hind thighs black, very thick; hind shanks dark ferruginous, slightly curved: wings brown; wing-ribs and veins pitchy; poisers tawny. Length of the body 4 lines; of the wings 9 lines.

a. ——— ?

HELOPHILUS, *Meigen.*

HELOPHILUS lineatus, *Meig. Dipt.* iii. 369, 1, *pl.* 32, *f.* 7. *Macq. Hist. Nat. Dipt.* i. 511, 6. *Zett. Ins. Lapp.* 596, 3. *Dipt. Scand.* ii. 682, 7. *Loew, Ent. Zeit. Stett.* vi. 167, 12. *Curt. Brit. Ent.* 429, 1. Rhingia lineata, *Fabr. Ent. Syst.* iv. 375, 2. *Syst. Antl.* 223, 2. R. muscaria, *Fabr. Ent. Syst.* iv. 375, 3. *Syst. Antl.* 223, 3. *Panz. Faun. Germ.* xx. 24. Syrphus lineatus, *Fall. Syrph.* 31, 28. Musca femorata, *Panz. Faun. Germ. Ed.* i.
a. England.

HELOPHILUS transfugus, *Meig. Dipt.* iii. 371, 3. *Macq. Hist. Nat. Dipt.* i. 510, 4. *Curt. Brit. Ent.* 429, 3. Musca transfuga, *Linn. Faun. Suec.* 1818. *Gmel. Ed. Syst. Nat.* v. 2875, 52.
a England.
b. ——— ? From Mr. Children's collection.

HELOPHILUS lunulatus, *Meig. Dipt.* iii. 379, 2, *pl.* 32, *f.* 9. *Macq. Hist. Nat. Dipt.* i. 511, 5. *Zett. Dipt. Scand.* ii. 681, 5. *Loew, Ent. Zeit. Stett.* vi. 165, 11. *Curt. Brit. Ent.* 429, 2.
a. England.

HELOPHILUS camporum, *Meig. Dipt.* iii. 372, 4.
a. France.

HELOPHILUS stipatus, n. s., fem. *Niger, capite flavo, thorace vittis qnatuor flavis, scutello fulvo, abdomine cano trifasciato, lateribus fulvo trifasciatis, antennis fulvis apice ferrugineis, pedibus fulvis, femoribus basi nigris, tibiis posticis piceo bifasciatis, tarsis posticis piceis, alis limpidis.*

Head yellow, clothed with yellow hairs; crown clothed with black hairs: eyes dark red: feelers tawny; third joint ferruginous; bristle tawny, with a black tip: chest black, clothed with tawny hairs, adorned with four yellow stripes; scutcheon tawny: abdomen linear, black, with three hoary bands, of which the first is at the base, the second and the third are very indistinct; each side adorned with three curved tawny bands; hind borders of the segments tawny: legs tawny; thighs black towards the base; hind thighs very thick, black, tawny at the tips; hind shanks tawny, with two pitchy bands; hind feet pitchy, tawny towards the base; tips of claws black: wings colourless; wing-ribs tawny; veins pitchy, tawny along the fore borders; poisers yellow. Length of the body 3½ lines; of the wings 6 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

HELOPHILUS Anausis, n. s., fem. *Niger, fronte flava, thoracis vittis duabus cinereis, lateribus scutelloque ferrugineis, abdominis fasciis cinereis vittisque duabus flavis, antennis fulvis, pedibus ferrugineis, tibiis piceo vittatis, alis subcinereis.*

Body black: head a little broader than the chest, thickly clothed with dark tawny hairs, yellow in front: eyes dark red: mouth piceous: feelers tawny; bristle piceous: chest clothed with short tawny hairs, adorned with two gray stripes; sides dark ferruginous; scutcheon ferruginous: abdomen linear, as broad as, and much longer than the chest, adorned with alternate broken and entire gray bands, and with a short yellow stripe on each side of the base: legs ferruginous; hips black; thighs with pitchy streaks; feet pitchy towards the tips; foot-cushions tawny: wings slightly gray; wing-ribs and veins piceous, the latter ferruginous towards the base; poisers pale tawny. Length of the body 3½ lines; of the wings 7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

HELOPHILUS formalis, n. s., fem. *Niger, scutello fulvo, abdominis macula utrinque ventreque fulvis, fasciis tribus flavis, apice ferrugineo, antennis piceis basi ferrugineis, pedibus nigris, tibiis fulvis, femoribus posticis nigro-æneis, tibiis posticis ferrugineis, alis cinereis.*

Body black: head covered with tawny down, clothed with tawny hairs: mouth ferruginous: feelers pitchy, ferruginous at the base; bristle ferruginous: chest and breast thickly clothed with short tawny hairs; scutcheon tawny: abdomen nearly linear, a little shorter and narrower than the chest, thinly clothed with short tawny hairs, adorned on each side with a large tawny spot and with three curved pale yellow bands, dark ferruginous towards the tip; underside tawny: legs black, clothed with short tawny hairs; shanks and feet covered beneath with tawny down; shanks tawny, black towards the tips; underside tawny: legs black, clothed with short tawny hairs; shanks and feet covered beneath with tawny down; shanks tawny, black towards the tips; claws and foot-cushions tawny; claws black towards the tips; hind thighs brassy black, rather thick; hind shanks ferruginous, curved: wings gray; wing-ribs pitchy; veins black, tawny towards the base; poisers pale tawny. Length of the body 4 lines; of the wings 7 lines.

a. Mexico. Presented by E. R. Coffin, Esq.

HELOPHILUS sejunctus, n. s., mas. *Niger, abdominis segmentorum lateribus ferrugineo maculatis, antennis pedibusque fulvis, tibiis posticis femoribusque piceis, illis ferrugineo cinctis, femoribus posticis cyaneis, alis limpidis.*

Body black: head covered in front with a hoary bloom, tawny around the mouth, which is black with a tawny tip: feelers tawny: eyes red: sides of the abdominal segments adorned with ferruginous spots: legs tawny; hips black; thighs and hind shanks pitchy, the latter adorned with ferruginous bands; hind thighs blue, very thick: wings colourless; wing-ribs piceous; veins black. Length of the body 4 lines; of the wings 6 lines.

a. Senegal.

HELOPHILUS Longus, n. s., mas. *Niger, fronte flava, thoracis lateribus scutellique margine postico fulvis, abdominis fasciis flavis, antennis pedibusque fulvis, femoribus basi piceis, pedibus posticis nigris, alis subfuscis.*

Body black: head broader than the chest, covered behind and beneath with hoary down, yellow, and adorned with white shining down in front: eyes red; facets above successively increasing in size from the hind part to the fore part: mouth pitchy, with a tawny tip; palpi also pitchy, with tawny tips: feelers tawny: chest very thinly clothed with short tawny hairs; its sides and the hind border of the scutcheon are tawny: abdomen tapering from the base to the tip, a little narrower than the chest, and nearly twice its length; hind borders of the segments yellow; segments from the first to the third adorned with broad yellow bands, the first entire, the second and third interrupted; the first and the second connected on each side: legs tawny; thighs at the base and hips piceous; hind legs black, their thighs armed near the tips beneath with two strong teeth: wings slightly brown; wing-ribs piceous; veins black, piceous towards the base; poisers tawny. Length of the body 6 lines; of the wings 10 lines.

a. Congo.

HELOPHILUS quadrivittatus. Eristalis quadrivittatus, *Wied. Auss. Zweif.* ii. 168, 22.

a. East Indies. From Archdeacon Clerk's collection.

b. ———? From Mr. Children's collection.

c. ———?

HELOPHILUS hilaris, n. s. *Niger, thorace vittis quatuor flavis, scutello abdomineque fulvis, hoc ferrugineo fasciato, segmentis 2º nigro vittato 3º ferrugineo vittato, pedibus nigris, tarsis intermediis tibiisque anterioribus basi fulvis, alis subfulvis, apice margineque postico subcinereis.*

Head wanting: chest black, clothed with very short tawny hairs, adorned with four yellow stripes; scutcheon tawny: breast black, clothed with tawny hairs, adorned with a tawny spot on each side: abdomen obconical, bright tawny, much longer and a little broader than the chest: hind borders of the segments adorned with ferruginous bands, which are widened in the middle, and acquire a pitchy colour on each side; tip black; second segment adorned with a black stripe; third segment with a ferruginous stripe: legs black, clothed with short tawny hairs; middle feet and four front shanks tawny towards the base; claws and foot-cushions tawny; tips of claws black; hind thighs rather thick; hind shanks slightly curved: wings slightly tawny, pale gray at the tips and along the hind borders; wing-ribs and veins tawny, the latter pitchy towards the tips; poisers yellow. Length of the body 5 lines; of the wings 10 lines.

a. ——— ?

HELOPHILUS Bengalensis. Eristalis Bengalensis, *Wied. Zool. Mag.* iii. 16, 22. *Auss. Zweif.* ii. 167, 21. *Macq. Dipt. Exot.* ii. 63, 4.

a. North Bengal. From Miss Campbell's collection.

HELOPHILUS fasciatus, *Barnston's MSS.*, fem. *Niger, capitis vitta fulva, thoracis vittis quatuor flavis, scutelli fusci margine fulvo, abdominis fasciis quatuor flavis, pedibus fulvis, femoribus basi nigris, tarsis subtus tibiisque ferrugineis, alis subcinereis.*

Body black: head covered with yellow down, clothed with short tawny hairs; crown beset with a few black hairs; a shining tawny stripe between the feelers and the mouth: feelers ferruginous, with a pitchy stripe on the upper side; bristle tawny: eyes pitchy, slightly bronzed; all the facets very small: chest and breast covered with a slight tawny bloom: chest adorned with four yellow stripes; scutcheon tawny, with a pale brown disk: abdomen slightly decreasing in breadth from the base to the tip, longer, but hardly broader than the chest, adorned with four yellow bands; first band very broad, especially on each side, quite interrupted in the middle; second band narrower, almost interrupted; third and fourth band narrow and entire; hind borders of the segments ferruginous; un-

derside mostly yellow: legs tawny, clothed with short tawny hairs; hips and thighs from the base to the middle and hind thighs, except their tips, black; hind thighs rather thick; hind shanks ferruginous, slightly curved, yellow at the base; fore feet and tips of fore shanks pitchy; second, third, and fourth joints of middle feet pitchy: feet ferruginous beneath; claws and foot-cushions tawny; tips of claws black: wings slightly gray; wing-ribs pitchy; veins black, ferruginous towards the base; poisers pale yellow. Length of the body 5½—6 lines; of the wings 10—11 lines.

Var. β. A black stripe between the crown of the head and the feelers: all the bands of the abdomen interrupted; hind borders of the segments grayish black: thighs, except their tips, black; fore shanks pitchy from the middle to the tips; middle shanks darker at the tips; hind shanks tawny, with a pitchy band near the base, black from the middle to the tips; feet pitchy.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Helophilus Chilensis, *Walker*, *Linn. Trans.* xvii. 344, 35. Dolichogyna fasciata, *Macq. Dipt. Exot.* ii. 66, 1, *pl.* 12, *f.* 1.
a. Chili. Presented by the Entomological Club.

Helophilus pendulus, *Meig. Dipt.* iii. 373, 6. *Macq. Hist. Nat. Dipt.* i. 509, 1. *Zett. Ins. Lapp.* 595, 1. *Dipt. Scand.* ii. 676, 1. *Loew, Ent. Zeit. Stett.* vi. 125. *Curt. Brit. Ent.* 429, 5. Musca pendula, *Linn. Syst. Nat.* ii. 984. *Faun. Suec. Ed.* ii. 1795. *Syst. Nat. Ed.* xii. 984, 28. *Gmel. Syst. Nat.* v. 2868, 28. *Deg. Ins.* vi. 46, 3. *Schrank, Faun. Boic.* iii. 2425. *Ins. Austr.* 901. *Don. Brit. Ins.* i. 69, *pl.* 31, *f.* 2. *Stew, El.* ii. 264. *Turt.* iii. 638. *Shaw, Gen. Zool.* vi. 382, *pl.* 105, *f. inf.* M. trilineata, *Harr. Ex.* 58, *pl.* 15, *f.* 9. Musca, &c., *Geoff. Ins.* ii. 513, 39. *Schell. Gen. Mouch. pl.* 9, *f.* 2. *Réaum. Ins.* vi. *pl.* 31, *f.* 9—11. *Schæff. Icon. pl.* 129, *f.* 3, 4, *pl.* 130, *f.* 2. Syrphus pendulus, *Fabr. Sp. Ins.* ii. 423, 10. *Ent. Syst.* iv. 282, 17. *Rossi, Faun. Etrusc.* ii. 438, 1450. *Panz. Faun. Germ.* xx. 21. *Fall. Syrph.* 30, 26. Elophilus pendulus, *Latr. Gen. Crust.* iv. 324.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

HELOPHILUS Latro, *Barnston's MSS.*, fem. *Niger, thoracis vittis duabus dorsalibus canis totidemque lateralibus fulvis, scutello fusco margine postico fulvo, abdominis maculis utrinque tribus cano-fulvis, antennis piceis, pedibus nigris, tibiis basi fulvis, alis cinereis.*

Body black: head clothed with pale tawny down and hairs; crown beset with black hairs: mouth black: feelers pitchy: eyes dark red, partly black; the facets on the fore part of the crown rather larger than those elsewhere: chest and breast clothed with short tawny hairs; chest adorned with two hoary stripes, and on each side with a tawny stripe; scutcheon shining, pale brown, tawny along the hind border: abdomen nearly oval, shining, rather longer and broader than the chest, thinly clothed with short tawny hairs, adorned with three tawny spots on each side; first pair of spots triangular, very large, their tips on the back hoary; second pair of spots much smaller, partly occupied by ferruginous marks hoary on the back; third pair still smaller, tawny on the sides of the abdomen, hoary on the back: legs black, clothed with short black hairs; shanks tawny at the base; feet clothed beneath with tawny down; claws ferruginous, with black tips; foot-cushions tawny; hind thighs rather thick; hind shanks slightly curved; wings gray; wing-ribs pitchy; veins black, ferruginous towards the base; poisers pale yellow. Length of the body 5—5½ lines; of the wings 9—18 lines.

Var. β. Second pair of abdominal spots without ferruginous marks.

Var. γ. Shanks tawny for two-thirds of the length from the base; middle shanks tawny for two-thirds of their length from the base.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.

HELOPHILUS trilineatus. Eristalis trilineatus, *Wied. Auss. Zweif.* ii. 168. Syrphus trilineatus, *Fabr. Syst. Ent.* 766, 16. *Ent. Syst.* iv. 289, 39. *Syst. Antl.* 238, 27.
a. Port Nicholson, New Zealand. From Mr. Earl's collection.
b. New Zealand. Presented by Dr. Sinclair.
c. New Zealand. From Mr. Pelerine's collection.
d. New Zealand. From Sir J. Bank's collection.

HELOPHILUS ineptus, n. s. *Fuscus, capite flavo, thoracis vittis duabus canis lateribusque flavis, scutelli margine postico fulvo, abdomine æneo, lateribus basi fulvo maculatis, pedibus piceis, tibiis basi fulvis, alis subcinereis.*

Head yellow, black on the crown and about the base of the feelers: eyes pitchy; all the facets very small: mouth and feelers black; bristle of the feelers naked: chest dark brown, clothed with black hairs, adorned with two hoary stripes on the back, and with a yellow stripe on each side, having a brassy hue towards the hinder part, especially on the scutcheon, whose hind border is tawny: abdomen brassy, oval, nearly flat, a little broader and shorter than the chest, clothed with tawny hairs, adorned with a large tawny spot on each side of the base: legs pitchy, clothed with tawny hairs; shanks tawny towards the base; claws and foot-cushions tawny; tips of claws black: hind thighs slightly thickened: wings slightly gray: wing-ribs pitchy; veins black. Length of the body 5 lines; of the wings 10 lines.

a. New Zealand. Presented by Dr. A. Sinclair.

HELOPHILUS Agerinus, n. s., fem. *Niger, thorace vittis duabus canis, scutello rufo, abdomine maculis canis, antennis rufis, pedibus nigris, genubus ferrugineis, alis limpidis basi fuscis.*

Body black: head dark red, marked with black on the crown, prominent about the mouth, which is black: feelers red, black towards the base: eyes pitchy, slightly bronzed: sides of the chest and of the breast dark red; chest adorned with two narrow hoary stripes; breast and sides of the chest covered with hoary bloom; scutcheon dark red, gibbous, slightly furrowed lengthwise: abdomen nearly elliptical, deep black, rather shorter and broader than the chest; each segment adorned with two large patches of hoary down; hind borders of the segments shining: legs black; knees ferruginous; feet covered beneath with ferruginous down; claws and foot-cushions ferruginous; tips of claws black: wings colourless, dark brown at the base, slightly tinged with brown below the middle of the fore border; wing-ribs pitchy; veins black, pitchy towards the base; poisers pitchy. Length of the body 6 lines; of the wings 12 lines.

a. ——— ?

HELOPHILUS scutellaris. Eristalis scutellaris, *Wied. Auss. Zweif.* ii. 159, 11. *Macq. Dipt. Exot.* ii. 41, 17. Milesia scutellaris, *Fabr. Syst. Antl.* 190, 11.

a. ——— ?

HELOPHILUS crassipes. Eristalis crassipes, *Fabr. Syst. Antl.* 237, 22. *Wied. Auss. Zweif.* ii. 157, 8. *Macq. Dipt. Exot.* ii. 31, 1, *pl.* 8, *f.* 1. E. pachymerus, *Wied. Zool. Mag.* iii. 17, 24.
a. South Africa. Presented by Dr. A. Smith.
b. ——— ?

HELOPHILUS Æsacus, n. s., mas. *Fulvus, pectore cinereo, abdomine rufo-fusco, apice rufo, antennis pedibusque piceis, genubus rufis, alis subcinereis basi et ad costam fulvis macula magna subcostali fusca.*

Body tawny: head white in front; clypeus prominent; a shining dark ferruginous space about the base of the feelers, and a spot of the same colour between them and the clypeus: mouth pitchy: feelers pitchy; bristle tawny: eyes black; facets on the fore part of the crown larger than those elsewhere: chest thickly clothed with tawny down; breast grayish: abdomen obconical, reddish brown, covered with dark tawny bloom, as broad as the chest and much longer, red at the tip: legs pitchy, clothed with short black hairs; knees red; foot-cushions dull tawny; claws red, with black tips: wings slightly gray, bright tawny at the base, tawny along the fore-border, at two-thirds of whose length there is a large brown spot; wing-ribs and veins bright tawny, the latter pitchy in the gray part of the wing; poisers tawny. Length of the body 6 lines; of the wings 10 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

ERISTALIS, *Latreille.*

ERISTALIS sepulcralis, *Fabr. Syst. Antl.* 245, 61. *Schrank, Faun. Boic.* iii. 2432. *Meig. Dipt.* iii. 383, 1. *Macq. Hist. Nat. Dipt.* i. 506, 17. Musca sepulcralis, *Linn. Faun. Suec.* 1835. *Syst. Nat.* ii. 991. *Gmel. Ed. Syst. Nat.* v. 2878, 73. M. interpunctus, *Harr. Ex.* 59, *pl.* 15, *f.* 11. M. ater, *Harr. Ex.* 58, *pl.* 15, *f.* 11. (fem.) Syrphus sepulcralis, *Fabr. Sp. Ins.* ii. 431, 51. *Ent. Syst.* iv. 303, 91. S. tristis, *Fabr. Ent. Syst.* iv. 303, 92. *Panz. Faun. Germ.* lxxxii. 16. *Fall. Syrph.* 29, 23. Eristalis tristis, *Fabr. Syst. Antl.* 245, 62. Elophilus tristis, *Latr. Gen. Crust.* iv. 324.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Eristalis æneus, *Fabr. Syst. Antl.* 244, 57. *Meig. Dipt.* iii. 384, 2. *Macq. Hist. Nat. Dipt.* i. 506, 16. Musca melanius? *Harr. Ex.* 59, *pl.* 15, *f.* 12. Syrphus æneus, *Fabr. Ent. Syst.* iv. 302, 88. *Panz. Faun. Germ.* lxxx. 15. *Fall. Syrph.* 28, 22. Elophilus æneus, *Latr. Gen. Crust.* iv. 324. Milesia ænea, *Latr. Gen. Crust.* iv. 332.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Eristalis tenax, *Fabr. Syst. Antl.* 238, 24. *Meig. Dipt.* iii. 385, 4. *Macq. Hist. Nat. Dipt.* i. 504, 11. Musca tenax, *Linn. Syst. Nat.* ii. 984. *Faun. Suec.* 1799. *Gmel. Ed. Syst. Nat.* v. 2870, 32. *Schrank, Faun. Boic.* iii. 2427. *Harr. Ex.* 41, *pl.* 10, 111, *f.* 1. *Berk. Syn.* i. 163. *Stew, El.* ii. 265. *Turt.* iii. 641. *Don. Brit. Ins.* xvi. 66, *pl.* 574. *Shaw, Gen. Zool.* vi. 380, *pl.* 146. Musca, &c., *Reaum. Ins.* iv. *pl.* 20, *f.* 8. *Geoff. Ins.* ii. 520, 52. *Schell. Gen. Mouch. pl.* 9, *f.* 1. M. porcina, *Deg. Ins.* vi. 45, 1. M. arbustorum, *Schrank, Ins. Austr.* 902. Syrphus tenax, *Fabr. Sp. Ins.* ii. 425, 19. *Ent. Syst.* iv. 286, 36. *Panz. Faun. Germ.* xiv. 23, 24. *Fall. Syrph.* 25, 17. *Zett. Ins. Lapp.* 594, 7. Elophilus tenax, *Latr. Gen. Crust.* iv. 324. *Cons. Gén.* 443.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Eristalis similis, *Meig. Dipt.* iii. 392, 13. *Macq. Hist. Nat. Dipt.* i. 502, 2, *pl.* 11, *f.* 14. Syrphus similis, *Fall. Syrph.* 25, 16,

a. England.
b. France.
c. ———?
d. ——— ? From Mr. Children's collection.

Eristalis ridens, n. s., fem. *Nigro-æneus, thoracis vittis quinque pectoreque canis, antennis piceis, pedibus nigro-æneis, tibiis basi fulvis, tarsis piceis, alis limpidis,*

Body brassy black: head covered with white bloom, clothed with short tawny hairs, and in front with white hairs: feelers pitchy: eyes red, clothed with short pale tawny hairs, covered with numerous little pitchy spots: chest clothed with short tawny hairs, adorned with five hoary stripes; breast hoary: abdomen obconical, hardly broader or longer than the chest, clothed with short tawny

hairs, which fringe the sides and hind borders of the segments: legs brassy black, clothed with short tawny hairs; shanks tawny towards the base; feet pitchy; shanks and feet clothed beneath with ferruginous down; claws and foot-cushions tawny; tips of claws black: wings colourless; wing-ribs ferruginous; veins black, ferruginous towards the base; poisers yellow. Length of the body $3\frac{1}{2}$—$4\frac{1}{2}$ lines; of the wings 6—8 lines.

a. Albania. Presented by W. W. Saunders, Esq.

Eristalis lætus, *Wied. Auss. Zweif.* ii. 192, 58.
a. China. Presented by G. T. Lay, Esq.

Eristalis sincerus, *Harris, Cat. Ins. Massachusetts.* E. cupreovittatus? *Wied. Auss. Zweif.* ii. 190, 54. *Æneus, capite nigro, thorace vittato, antennis ferrugineis, pedibus nigris, tibiis basi fulvis, tarsis piceis, alis limpidis.*

Body brassy: head black, clothed with short dark tawny hairs, and in front with white hairs: mouth black: feelers ferruginous: eyes dark red; all the facets small: chest indistinctly striped, clothed with short whitish hairs: abdomen rather brighter than the chest, clothed with short whitish hairs: legs black, clothed with short tawny hairs; feet pitchy; shanks pale tawny towards the base; foot-cushions tawny: wings colourless; wing-ribs and poisers tawny; veins black, tawny towards the base. Length of the body 5 lines; of the wings 9 lines.

a. United States. Presented by the Entomological Club.

Eristalis taphicus, *Wied. Auss. Zweif.* ii. 191, 57.
a. Teneriffe. Presented by the Entomological Club.

Eristalis incisus, *Wied. Auss. Zweif.* ii. 155, 5.
a. South Africa. Presented by Dr. A. Smith.

Eristalis assimilis, n. s., fem. *Nigro-fuscus, scutelli margine ferrugineo, abdomine basi fulvo, antennis piceis, pedibus fulvis, femoribus tibiisque posticis piceis, alis limpidis.*

Body dark brown: head covered with tawny down, clothed with short tawny hairs; crown clothed with brown hairs, front with hoary hairs: mouth black: feelers pitchy; bristle tawny: eyes pitchy, slightly bronzed; facets on the fore part of the crown larger than those elsewhere: chest and breast covered with dull tawny bloom, thickly clothed with short tawny hairs; border of the scutcheon ferruginous: abdomen obconical, longer and a little broader than the chest, covered with dull tawny bloom, thinly clothed

with short tawny hairs; two large dull tawny spots occupying the sides of the base and almost meeting on the back: legs tawny, clothed with short tawny hairs; hind thighs and hind shanks pitchy; claws and foot-cushions tawny; tips of claws black: wings colourless; wing-ribs pitchy; veins tawny, pitchy towards the tips; poisers pale tawny. Length of the body 6½—7 lines; of the wings 13—14 lines.

Var. β. Thighs and hind feet pitchy.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Eristalis Androclus, n. s., fem. *Niger, thoracis vittis quatuor canis, scutello æneo margine fulvo, abdomine angulis duabus marginis lateralibus fulvis, antennis pedibusque nigris, tibiis basi flavis, alis subcinereis fusco-fulvo venosis.*

Body black: head clothed with dark tawny hairs; front prominent, covered on each side with tawny down: mouth black: feelers black; bristle tawny, with a black tip: eyes red; their disks partly black; all the facets very small: chest and breast covered with gray bloom, clothed with short tawny hairs; chest adorned with four dull hoary stripes; scutcheon slightly bronzed, its border tawny: abdomen nearly oval, clothed with short tawny hairs, broader and a little longer than the chest, adorned with a large angular tawny spot on each side towards the base: legs black, clothed with short tawny hairs; thighs clothed with short black hairs; shanks yellow towards the base; foot-cushions and claws tawny; tips of claws black: wings slightly gray, brownish tawny along the veins, with the exception of the tips and of the hind borders; a small brown spot on the middle of the fore border; wing-ribs and veins ferruginous; veins black towards the tips; poisers yellow. Length of the body 6 lines; of the wings 12 lines.

Var. β. Veins of the wings not clouded.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Eristalis torridus, n. s., fem. *Niger, thorace pube fulva subvittato, scutello fulvo, abdomine fulvo, segmentorum marginibus posticis apiceque nigris, oculis fasciatis, antennis piceis subtus ferrugineis, pedibus fulvis, femoribus nigris, tibiis posticis tarsisque anterioribus piceis, alis limpidis.*

Body black: head covered with hoary bloom, clothed with tawny hairs; front clothed with pale yellow hairs: mouth black: feelers pitchy, ferruginous beneath; bristle tawny, black towards the tip: eyes red, adorned with six black bands; all the facets very

small: chest and breast covered with tawny down, clothed with short tawny hairs; the down on the chest arranged in indistinct stripes; scutcheon tawny: abdomen obconical, longer and a little narrower than the chest, tawny for half the length from the base, with the exception of the hind borders, which, like the rest of the abdomen are black: legs clothed with short yellow hairs; hips and thighs black; tips of thighs yellow; tips of hind thighs red, clothed beneath with short black hairs; shanks tawny, yellow towards the base; hind shanks pitchy, clothed with short black hairs, tawny at the base; feet pitchy; hind feet tawny, with pitchy tips; claws and foot-cushions tawny; tips of claws black: wings colourless; a very small brown spot on the middle of the fore border; wing-ribs tawny; veins black, tawny towards the base; poisers yellow. Length of the body 6 lines; of the wings 11 lines.

a. ———?

Eristalis calidus, n. s., fem. *Niger, scutello abdomineque fulvis hujus apice vittaque dilatata nigris, antennis piceis, pedibus flavo-fulvis, femoribus nigris, alis limpidis ad costam fulvis.*

Body black: head covered with yellow down, clothed with yellow hairs; crown beset with a few black hairs; a broad brown shining stripe between the feelers and the mouth, which is pitchy: feelers pitchy; bristle tawny, downy: eyes pitchy; facets very small: chest and breast thickly covered with short tawny hairs; scutcheon tawny: abdomen nearly oval, tawny, longer and a little broader than the chest, clothed with short tawny hairs, black at the tip, and having on the back a black interrupted stripe, which during its course is widened into two short bands: legs clothed with short tawny hairs; hips black; thighs black, with yellow tips; hind thighs pitchy, tawny towards the base; shanks tawny, yellow at the base; feet pitchy, tawny towards the base; claws and foot-cushions tawny; tips of claws black: wings colourless, tawny along the fore border for more than half the length, where there is a small brown spot; wing-ribs tawny; veins black, tawny towards the base; poisers yellow. Length of the body 6 lines; of the wings 12 lines.

a. ———?

Eristalis frater, n. s., fem. *Niger, thoracis vittis quatuor scutelloque fulvis, abdominis fasciis duabus fulvis utrinque connexis, antennis piceis, pedibus nigris, tibiis basi fulvis, alis cinereis.*

Body black: head clothed with pale tawny down and hairs; crown beset with black hairs: mouth black: feelers pitchy; bristle tawny: eyes black; all the facets very small: chest and breast

clothed with short tawny hairs; chest adorned with four dull tawny stripes; scutcheon tawny: abdomen obconical, rather longer and broader than the chest, thinly clothed with short tawny hairs, adorned with two tawny bands, which are broad and connected together on each side: legs black, clothed with short tawny hairs; shanks tawny towards the base; feet covered beneath with tawny down; claws and foot-cushions tawny; tips of claws black; hind thighs rather thick; hind shanks slightly curved: wings gray; wing-ribs pitchy; veins black, ferruginous towards the base; poisers pale yellow. Length of the body 6 lines; of the wings 12 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Eristalis decisus, n. s., fem. *Nigro-fuscus, scutelli fulvi disco fusco, abdominis fasciis tribus ventreque flavis, segmentorum marginibus posticis fulvis, antennis ferrugineis, pedibus fulvis, femoribus basi nigris, tribus posticis ferrugineis, tarsis anticis piceis posticis nigris, alis subcinereis ad costam subfulvis.*

Body black: head clothed with short tawny hairs, and on the crown with short black hairs, ferruginous in front; sides of the peristoma black: mouth pitchy: feelers ferruginous: eyes pitchy; facets on the front of the crown rather larger than those elsewhere: chest and breast covered with a brown bloom, thickly clothed with short tawny hairs; scutcheon tawny, its disk brown: abdomen obconical, longer and broader than the chest, thinly clothed with very short yellow hairs, adorned with three yellow bands; first band very broad on each side, interrupted in the middle; second band narrower, with ferruginous marks, half interrupted in the middle; third band still narrower, its hind border concave; hind borders of the segments tawny; underside pale yellow, tawny towards the tip: legs tawny, clothed with short tawny hairs; thighs black, tawny towards the tips; claws tawny, with black tips; foot-cushions yellow; middle thighs tawny from the middle to the tips; hind thighs rather thick; hind shanks ferruginous, slightly curved, tawny at the base; fore feet pitchy; hind feet black: wings slightly gray, with a tawny tinge at the base and along two-thirds of the fore border; wing-ribs pitchy; veins black, ferruginous towards the base; poisers yellow. Length of the body 6 lines; of the wings 11 lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

ERISTALIS hæsitans, n, s., fem. *Nigro-fuscus, scutello ferrugineo, abdominis lateribus basi segmenti secundi margine postico ventreque fulvis, antennis piceis, pedibus nigris, tibiis basi albidis, tarsis intermediis basi fulvis, alis limpidis.*

Head black: clothed with short tawny hairs, pitchy on the crown, and beset on each side with a few short black hairs, bright tawny and clothed with yellow hairs in front, where there is a brown shining spot: mouth black: feelers pitchy, with a ferruginous spot at the base; bristle tawny: eyes dark pitchy, their facets very small: chest and breast dark brown, clothed with short tawny hairs; scutcheon ferruginous: abdomen obconical, dark brown, shining, longer and a little broader than the chest, very thinly covered with pale yellow down; a large tawny angular spot on each side of the base: hind border of the second segment tawny; underside mostly tawny: legs black, clothed with pale yellow hairs; shanks whitish towards the base; middle feet tawny at the base; claws and foot-cushions tawny; tips of claws black: wings colourless; a small brown spot on the middle of the fore border; wing-ribs pitchy; veins black, ferruginous towards the base; poisers tawny. Length of the body 6 lines; of the wings 12 lines.

a. ——— ?

ERISTALIS campestris, *Meig. Dipt.* iii. 387, 5. *Macq. Hist. Nat. Dipt.* i. 505, 12.
a. England.

ERISTALIS hortorum, *Meig. Dipt.* iii. 387, 6.
a. England.

ERISTALIS vulpinus, *Megerle, Meig. Dipt.* iii. 388, 7.
a. England.

ERISTALIS cryptarum, *Fabr. Syst. Antl.* 235, 11. *Meig. Dipt.* iii. 389, 9. *Macq. Hist. Nat. Dipt.* i. 505, 13. Syrphus cryptarum, *Fabr. Ent. Syst.* iv. 285, 26.
a. England.

ERISTALIS intersistens, n. s. *Niger, fronte flavo vittis tribus nigris, thorace viridi-æneo abdominis lateribus fulvis, antennis piceis, femoribus tibiisque nigro-fasciatis, tarsis piceis, alis subfulvis.*

Body black: head clothed with whitish hairs and down, pale yellow, with three black stripes in front: mouth pitchy: feelers pitchy; third joint rather paler: chest and breast brassy green, clothed with tawny hairs: abdomen elliptical, a little longer and broader than the chest, thinly clothed with tawny hairs; sides irre-

gularly tawny for more than half the length from the base: legs tawny, clothed with short tawny hairs; hips black; a broad black band across each thigh and shank; feet pitchy, tawny at the base; foot-cushions and claws tawny; tips of the claws black: wings slightly tawny; wing-ribs and veins tawny, the latter black towards the tips; poisers tawny. Length of the body 4½—5 lines; of the wings 9—10 lines.

a. New York.
b. Trenton Falls. Presented by E. Doubleday, Esq.

Eristalis anthophorinus, *Meig. Dipt.* iii. 90, 11. Syrphus anthophorinus, *Fall. Syrph.* 23, 21. *Zett. Ins. Lapp.* 594, 9.
a. ——— ? From Mr. Children's collection.

Eristalis nebulosus, *Barnston's MSS.*, mas. et fem. *Niger, scutello fulvo, abdominis lateribus fulvo unimaculatis, antennis piceis, pedibus nigris, tibiis ferrugineis, alis limpidis basi discoque fuscis.*

Body black: head shining, clothed with pale yellow hairs, covered behind and about the base of the feelers with pale yellow down: mouth pitchy: feelers pitchy; bristle tawny, downy, darker towards the tip: eyes pitchy, thinly clothed with short black hairs; facets on the fore part of the crown rather larger than those elsewhere: chest and breast thickly clothed with pale tawny hairs; scutcheon tawny: abdomen nearly oval, rather longer and broader than the chest, thickly clothed in the male with pale tawny hairs, and on the disk with black hairs, in the female with black hairs, adorned with a large tawny spot on each side near the base: legs black, clothed with short black hairs; shanks ferruginous, clothed with tawny hairs; claws tawny, with black tips; foot-cushions pale yellow; feet clothed beneath with tawny down: wings colourless, brownish tawny towards the base, adorned with a large brown spot on the disk; wing-ribs pitchy; veins black, ferruginous towards the base; poisers tawny. Length of the body 5—5½ lines; of the wings 10—11 lines.

a. New York. Presented by the Entomological Club.
b. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
c. Nova Scotia. From Lieut. Redman's collection.

Eristalis dives, n. s., mas. *Nigro-æneus, thorace vittis cinereis, abdomine purpureo ornato, antennis fulvis, pedibus nigro-æneis, tibiis ferrugineis piceo fasciatis, basi flavis, tarsis fulvis, alis fulvis, macula parva costali nigra.*

Body brassy black: head beset on the crown with a few black hairs, covered in front with tawny down; on the front, whose sides are adorned with oblique tawny stripes: mouth pitchy: feelers tawny: eyes bright bronze, covered with numerous little black spots; fore part of the crown flat, not spotted, composed of much larger facets than those elsewhere: chest indistinctly striped with gray: breast covered with tawny down and hairs: abdomen deep black, obconical, a little shorter but not broader than the chest, thinly clothed with very short black hairs; hind borders of the segments and tip brassy, partly tinged with purple; the purplish bronze band on each segment is interrupted by a space, which is partly occupied by a brassy spot: legs brassy black, clothed with short tawny hairs; shanks yellow at the base; fore and middle shanks ferruginous, with pitchy bands; feet tawny, with darker tips; tips of hind feet black; claws and foot-cushions tawny; tips of claws black: wings tawny, with a small round black spot on the middle of the fore border; wing-ribs ferruginous; veins pitchy, ferruginous towards the base; poisers tawny. Length of the body 6 lines; of the wings 11 lines.

a. ——— ?

Eristalis Saxorum, *Wied. Auss. Zweif.* ii. 158, 9.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. ——— ? From Mr. Children's collection.

Eristalis inflexus, n. s., mas. et fem. *Niger, fulvo subfuscus, scutello subæneo margine fulvo, segmentorum marginibus posticis flavis, antennis piceis, pedibus nigris, tibiis basi flavis, alis limpidis disco subfuscis.*

Body black; head covered with whitish down, clothed with short white hairs; a ferruginous space at the base of the feelers; mouth black: feelers pitchy; bristle tawny: eyes black; all the facets very small: chest and breast covered with a dark tawny bloom, clothed with tawny hairs; scutcheon slightly bronzed; its border tawny: abdomen nearly oval, a little longer and broader than the chest, thinly clothed with short tawny hairs, more thickly covered with white hairs at the base and on each side of the second segment; hind borders of the segments pale yellow: legs black, clothed with

short tawny and black hairs; shanks pale yellow for half the length from the base; foot-cushions and claws tawny; tips of claws black: wings colourless, tinged with brown in the disk; wing-ribs and veins pitchy, the latter partly ferruginous, black along the fore border; poisers pale yellow. *Fem.*—Head clothed on the crown with black hairs, covered with tawny down between the crown and the feelers. Length of the body 5½—6 lines; of the wings 11—12 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.
c. ———?

Eristalis pervagus, *Harris, Cat. Ins. Massachusetts.* Fem.—*Niger, scutello cyaneo, abdominis segmentorum secundi et quarti marginibus posticis flavis, antennis pedibusque piceis, femoribus posticis tibiisque basi fulvis, alis limpidis basi discoque fuscis.*

Body black, shining: head covered with white bloom, clothed with white down; a black stripe along the front: mouth black: feelers pitchy; bristle tawny, hairy: eyes nearly black; their facets very small: chest thickly, but partially clothed with short pale tawny hairs; scutcheon blue: abdomen obconical, clothed with pale tawny down, a little broader but not longer than the chest; hind borders of the second and of the fourth segments pale yellow: legs pitchy; shanks and hind thighs tawny towards the base; feet clothed beneath with tawny down; foot-cushions and claws tawny; tips of the claws black: wings colourless, brown at the base; a large irregular brown spot extends from the fore border more than half across the wing, and includes the cross-veins; wing-ribs and veins pitchy; veins tawny towards the base; poisers tawny. Length of the body 5 lines; of the wings 10 lines.

a. United States. Presented by the Entomological Club.
b. ———?

Eristalis dimidiatus, *Wied. Auss. Zweif.* ii. 180, 41.
a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Eristalis transversus, *Wied. Auss. Zweif.* ii. 188, 51. *Macq. Dipt. Exot.* ii. 33, 4, *pl.* 9, *f.* 12.
a. Nova Scotia. From Lieut. Redman's collection.
b. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
c. Ohio. Presented by the Entomological Club.

d. Trenton Falls. Presented by E. Doubleday, Esq.
e. Delaware.
f. New York. Presented by the Entomological Club.
g. Florida. Presented by E. Doubleday, Esq.
h. North America. From Mr. Children's collection.

Eristalis compactus, n. s., fem. *Niger, scutello rufo, abdominis segmentorum marginibus posticis flavis, antennis rufis, pedibus ferrugineis, tibiis basi flavis, tarsis anticis piceis, alis limpidis ad costam rufo-fuscis.*

Body black, stout, broad, shining: head clothed with a few pale tawny hairs, prominent about the mouth: feelers red: eyes pitchy, red, with a slight bronze tinge on the inner part above: chest and breast thinly clothed with short tawny hairs; scutcheon dark red: abdomen short, a little longer than broad, longer and broader than the chest, clothed with a few short tawny and black hairs; hind borders of the segments yellow: legs ferruginous, clothed with short black hairs; shanks pale yellow towards the base; feet pitchy towards the tips, clothed beneath with tawny down; fore feet pitchy; claws and foot-cushions tawny; tips of claws black: wings colourless, reddish brown along the fore borders for two-thirds of the length; wing-ribs pitchy; veins black, pitchy towards the base; poisers tawny. Length of the body 4 lines; of the wings 8 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Eristalis solitus, n. s., mas. *Niger, scutello abdomineque fulvis hoc fasciis quatuor fuscis, antennis ferrugineis, pedibus fulvis, tibiis posticis femoribusque nigris, tarsis piceis, alis limpidis.*

Body black: head covered with white bloom, clothed with short pale yellow hairs: mouth black: feelers ferruginous: eyes pitchy: all their facets very small: chest covered with dull tawny bloom, clothed with short pale yellow hairs; scutcheon tawny: abdomen tawny, obconical, a little broader but not longer than the chest, adorned with four deep brown bands; first band at the base; second band connected with the first in the middle; third band connected with a round brown spot by the middle of its fore border; fourth band near the tip; underside pale yellow, brown towards the tip: legs tawny, clothed with pale yellow hairs; hips, thighs, and hind shanks black; feet pitchy, paler beneath; claws and foot-cushions tawny; tips of claws black: wings colourless; wing-ribs

pitchy; veins tawny, black towards the tips; poisers tawny. Length of the body 5 lines; of the wings 11 lines.

a. Nepaul. From the Hardwicke bequest.

Eristalis secretus, n. s. *Nigro-æneus, scutello fulvo, abdomine nigro fasciis duabus fulvis, pedibus ferrugineis, femoribus æneis, tibiis anterioribus tarsisque fulvis, alis limpidis.*

Head wanting: chest and breast brassy black, clothed with tawny hairs; scutcheon tawny: abdomen black, obconical, a little longer than the chest; second segment adorned with an interrupted tawny band; third segment with an entire band: legs ferruginous, clothed with short tawny hairs; hips and thighs brassy; feet and four front shanks tawny; tips of feet pitchy; claws and foot-cushions tawny; tips of claws black: wings colourless, with a very small brown spot on the fore border; wing-ribs and veins ferruginous, the latter pitchy towards the tips; poisers tawny, with ferruginous knobs. Length of the body 5 lines; of the wings 10 lines.

a. ——? From Mr. Children's collection.

Eristalis jucundus, n. s., fem. *Niger, scutello abdomineque fulvis, hoc fasciis tribus fuscis apiceque nigro, antennis ferrugineis articulo 3º supra piceo, pedibus fulvis, tibiis posticis femoribusque piceis, alis limpidis.*

Body black: head and chest clothed with short pale yellow hairs: head covered with pale yellow down, adorned with three black stripes between the feelers and the mouth; crown beset with a few black hairs: mouth pitchy: feelers ferruginous; third joint pitchy above; bristle tawny, with a black tip: eyes red, slightly bronzed, each adorned with four black stripes: chest covered with tawny down, with the exception of four black stripes, of these, the middle pair are near together, and the side pair are interrupted; scutcheon tawny, slightly bronzed: abdomen obconical, pale tawny, a little longer than the chest, adorned with three brown bands; the second band broader than the first, but much narrower than the third, which is succeeded by a narrow tawny band, and beyond this the abdomen is black: legs tawny, clothed with short tawny hairs; hips, thighs, and hind shanks pitchy, and clothed with black hairs; knees yellow; tips of feet ferruginous; foot-cushions pitchy; claws tawny, with black tips: wings colourless; a very small brown spot in the middle of the fore border; wing-ribs tawny; veins pitchy, tawny towards the base; poisers pale yellow. Length of the body 5 lines; of the wings 10 lines.

a. ——?

ERISTALIS Ægyptius, n. s., mas. *Niger, scutello abdomineque fulvis hujus segmentorum marginibus posticis apiceque nigris, oculis fasciatis, antennis piceis, pedibus ferrugineis, femoribus tibiisque basi tarsisque fulvis, alis limpidis.*

Body black, clothed with short tawny hairs: mouth black: feelers pitchy; bristle tawny: eyes red, slightly bronzed, adorned with five black bands: scutcheon tawny: abdomen obconical, tawny, a little longer than the chest: hind borders of the segments and tip black: legs ferruginous, clothed with short tawny and black hairs; thighs and shanks tawny towards the base; feet tawny, with ferruginous tips; claws and foot-cushions tawny; tips of claws black: wings colourless; wing-ribs and veins tawny, the latter pitchy towards the tips; poisers yellow. Length of the body 5 lines; of the wings 10 lines.

a. Egypt. Presented by Sir G. Wilkinson.

ERISTALIS caliginosus, n. s., fem. *Niger, scutello abdominis maculis duabus magnis et segmentorum marginibus posticis flavis, antennis pedibusque nigris, alis cinereo fulvis.*

Body black: head clothed with short black hairs, and in front with whitish hairs and down; crown covered with brown down: eyes bronzed; all the facets very small: chest and breast clothed with short tawny hairs; scutcheon yellow; its fore border black: abdomen obconical, hardly longer or broader than the chest, thinly clothed with short tawny hairs, adorned with a very large yellow spot on each side of the second segment; sides of the segments adorned with steel-coloured spots, their hind borders yellow: legs black, clothed with short black and tawny hairs; knees ferruginous; claws and foot-cushions pale tawny; tips of claws black; hind thighs rather thick; hind shanks slightly curved: wings pale grayish tawny, darker along the fore borders, especially in the middle, deep brown at the base; wing-ribs and poisers pitchy; veins black, pitchy towards the base. Length of the body 6 lines; of the wings 12 lines.

a. ——— ?

ERISTALIS cyaneifer, n. s. *Niger, thoracis fasciis duabus una fulva altera cyanea, scutello abdominisque maculis magnis lateralibus fulvis, pedibus ferrugineis, femoribus nigris, alis flavo-fuscis.*

Body black: head wanting: chest deep black, clothed with short dark tawny hairs, adorned in front of the wings with a dull tawny band, and behind the wings with a deep blue band which terminates on each side in a tawny spot; scutcheon tawny;

breast covered with a grayish tawny bloom, clothed with short tawny hairs: abdomen obconical, a little longer than the chest; sides of the segments adorned with large tawny spots: legs black, clothed with short tawny hairs; shanks and feet dark ferruginous; foot-cushions tawny; claws black, ferruginous at the base; hind thighs rather thick; hind shanks slightly curved; hind feet pitchy: wings yellowish brown, darkest about the middle, and darker thence to the tips than towards the base; wing-ribs pitchy; veins black, pitchy towards the base. Length of the body 6 lines; of the wings 12 lines.

a. ——— ?

Eristalis lateralis, *Walker, Linn. Trans.* xvii. 347, 42. Allied to E. fasciatus, *Wied. Auss. Zweif.* ii. 173, 29.

a. St. Paul. Presented by the Entomological Club.
b. Chili. From Mr. Cuming's collection.
c. Mexico. Presented by E. P. Coffin, Esq.
d. Jamaica. From Mr. Gosse's collection.
e. Jamaica. From Mr. Gosse's collection.
f. Cayenne.
g. ——— ? Presented by Sir E. Belcher.

Eristalis diminutus, n. s., fem. *Niger, scutello fulvo, abdominis lateribus basi segmentorum marginibus posticis ventreque fulvis, antennis pedibusque nigris, tibiis basi genubusque ferrugineis, alis limpidis.*

Body black: head covered with hoary down, clothed with pale short tawny hairs; crown beset with a few black hairs: feelers black; third joint pitchy; bristle reddish brown: eyes very dark red, clothed with short black hairs; all the facets very small: chest and breast thickly clothed with short tawny hairs; scutcheon tawny: abdomen obconical, a little broader but not longer than the chest, thinly clothed with short tawny hairs; a large tawny spot on each side of the base; hind borders of the segments tawny; underside tawny, with a black tip: legs black, clothed with short tawny hairs; shanks at the base and knees ferruginous; hind shanks curved; hind thighs rather thick; claws black; foot-cushions dark tawny: wings colourless; wing-ribs pitchy; veins black; poisers yellow. Length of the body 3½ lines; of the wings 7 lines.

a. Mexico. Presented by E. P. Coffin, Esq.

Eristalis agrorum, *Fabr. Syst. Antl.* 235, 12. *Wied. Auss. Zweif.* ii. 172, 28. Syrphus agrorum, *Fabr. Ent. Syst.* iv. 285, 27.

a. ——— ?
b. ——— ? From Mr. Children's collection.

ERISTALIS vinetorum, *Fabr. Syst. Antl.* 235, 13. *Wied. Auss. Zweif.* ii. 163, 15. *Macq. Dipt. Exot.* ii. 41, 16. Syrphus vinetorum, *Fabr. Ent. Syst. Suppl.* 562, 27.

a. Brazil.
b. Nova Scotia. From Lieut. Redman's collection.
c. ——— ? From Mr. Children's collection.
d. ——— ?

ERISTALIS uvarum, *MSS.*, fem. *Niger, capite antennis scutelloque fulvis, thoracis fasciis duabus fuscis, abdominis basi segmentorum marginibus posticis ventreque fulvis, pedibus ferrugineis nonnunquam piceo variis, tibiis basi flavis, alis subfulvis cinereo variis.*

Head tawny, clothed with white hairs and down: crown beset with a few brown hairs: mouth pitchy: feelers tawny: eyes red, slightly bronzed; all the facets very small: chest and breast black, clothed with yellowish hoary down; chest adorned with two brown bands, one narrow in front of the wings, the other broad between the wings; scutcheon bright tawny: abdomen obconical, a little longer and broader than the chest, clothed with tawny hairs, adorned at the base with a very broad interrupted tawny band; hind borders of the segments and underside tawny: legs ferruginous, clothed with short black and tawny hairs; shanks at the base yellow and clothed with pale yellow hairs; feet pitchy towards the tips; claws and foot-cushions tawny; tips of claws black: wings pale tawny; disks of some of the areolets gray; wing-ribs tawny; veins pitchy, tawny towards the base; poisers tawny. Length of the body 5—6 lines; of the wings 9—11 lines.

Var. β. An interrupted tawny band on the third abdominal segment; hind thighs pitchy towards the base.

Var. γ. Like var. β.: thighs towards the base, hind thighs, and hind shanks pitchy.

a. Jamaica. Prom Mr. Gosse's collection.
b. Jamaica. From Mr. Children's collection.
c. Jamaica.
d. ——— ? From Mr. Children's collection.
e. ——— ?

ERISTALIS Amphicrates, n. s., mas. et fem. *Fuscus, capite fulvo, thoracis fascia scutelloque fuscis, abdomine fulvo maculis tribus triangulis fuscis apice nigro-æneo, antennis fulvis, pedibus nigris, femoribus tibiisque basi fulvis, alis limpidis fulvo venosis.*

Male.—Body brown: head tawny, beset with a few black hairs on the crown about the eyelets, in front yellow, and clothed with

short tawny hairs: mouth pitchy: feelers tawny: eyes bronzed; facets on the fore part of the crown much larger than elsewhere: chest clothed with short tawny hairs; a broad brown band across the middle; scutcheon brown: abdomen obconical, tawny, clothed with short tawny hairs, a little broader but hardly longer than the chest, brassy towards the tip, which is black, adorned with three triangular brown spots, successively decreasing in size from the base, and each having a shining triangular tawny spot on its disk; underside tawny: legs black, clothed with short black hairs; thighs and shanks tawny towards the base, and clothed there with tawny hairs; claws and foot-cushions tawny; tips of claws black: wings colourless, with a tawny tinge along the borders of the veins, excepting the tips and the hind borders of the wings; wing-ribs and veins pitchy; poisers tawny. *Fem.*—Front of the head white: bands of the chest paler and more distinct than those of the male: abdomen with brown bands on the hind borders of the segments: hind thighs pitchy. Length of the body 5—5½ lines; of the wings 10—11 lines.

a. North Bengal. From Miss Campbell's collection.
b. Java. From Mr. Melly's collection.
c. East Indies. From Archdeacon Clerk's collection.
d. China. Presented by G. T. Lay, Esq.

Eristalis nigricans, *Wied. Auss. Zweif.* ii. 89, 52.
a. South Africa. Presented by Dr. A. Smith.

Eristalis tæniops, *Wied. Auss. Zweif.* ii. 182, 43.
a. South Africa. Presented by Dr. A. Smith.

Eristalis arvorum, *Fabr. Syst. Antl.* 235, 14. *Wied. Auss. Zweif.* ii. 184, 46. *Macq. Dipt. Exot.* ii. 47, 26. Syrphus arvorum, *Fabr. Ent. Syst.* iv. 286, 28.
a. ———?

Eristalis Anicetus, n. s., mas. et fem. *Fulvus, thorace vittis quatuor piceis, scutello ferrugineo, abdominis vitta dorsali et segmentorum marginibus posticis ferrugineis, antennis pedibusque fulvis, alis limpidis.*

Body tawny: head clothed in front with short tawny hairs: feelers tawny: eyes bronzed; facets on the fore part of the crown much larger than elsewhere: chest covered with tawny down, adorned with four pitchy stripes; scutcheon pale ferruginous; breast paler tawny: abdomen short-obconical, a little broader but not longer than the chest; a ferruginous stripe along the back; hind borders of the segments ferruginous: legs tawny, partly ferru-

ginous; tips of claws black: wings colourless; wing-ribs and veins ferruginous; poisers tawny. Length of the body 5 lines; of the wings 10 lines.

a. ——— ? From Mr. Children's collection.
b. ——— ?

Eristalis Æsepus, n. s., mas. et fem. *Æneus, capite nigro, thorace vittis quinque scutelloque fulvis, abdomine fulvo fasciis tribus æneis, antennis pedibusque fulvis, tibiis posticis femoribusque viridibus, alis limpidis fusco ad costam bimaculatis.*

Head black, clothed on the crown with a few black hairs, in front tawny and covered with tawny down: mouth black: feelers tawny; a pitchy stripe along the edge of the third joint; bristle pitchy towards the tip: eyes red, slightly bronzed, covered with many little darker spots: chest and breast bronzed, thinly clothed with short tawny hairs: chest adorned with five tawny stripes; scutcheon tawny, its disk slightly bronzed; breast partly tawny: abdomen tawny, obconical, very little shorter than the chest, adorned with three bronze bands; bands on the male of various breadths, the first narrow, but widened in the middle; bands in the female broad and regular; underside of the tip bronzed: legs tawny, clothed with short tawny hairs; hips and thighs, except the tips and hind shanks, green, the latter pale yellow at the base; tips of feet pitchy; claws and foot-cushions tawny; tips of claws black: wings colourless; two small brown spots on the middle of the fore border; wing-ribs and veins tawny; tips of the latter pitchy; poisers pale yellow. Length of the body 4 lines; of the wings 8 lines.

a. China. Presented by G. T. Lay, Esq.
b. ——— ?

Eristalis Agno, n. s., mas. *Fulvus, capite nigro, thorace vittis quatuor scutelloque æneis, abdomine vitta dorsali nigra fasciisque nigro-fuscis, antennis ferrugineis, pedibus fulvis, tibiis anterioribus femoribusque apice ferrugineis, femoribus posticis tarsisque apice necnon tibiis posticis piceis, his ferrugineo fasciatis basi flavis, alis limpidis.* Fem.—*Abdomine nigro maculis octo flavis, femoribus posticis apice tibiisque posticis ferrugineis, illis subtus nigris.*

Head black, covered with a white bloom, clothed with short tawny hairs, pale tawny in front: mouth black: feelers pale ferruginous; a black stripe on the edge of the third joint; bristle black towards the tip: eyes red, slightly bronzed; lower part covered with

numerous little dark spots; facets on the fore part of the crown larger than elsewhere: chest and breast tawny, thinly clothed with short tawny hairs; chest adorned with four bronze stripes; outer stripe on each side interrupted by an oblique tawny band; scutcheon coppery green, with a tawny border; breast partly bronzed: abdomen obconical, tawny, as long as the chest, adorned with a single black stripe, and with a brown band along the nearly black hind border of each segment: legs tawny, clothed with short tawny and black hairs; hips and tips of hind thighs pitchy; tips of the thighs and of the shanks of the four front legs ferruginous; hind shanks pitchy, pale yellow at the base, ferruginous about the middle; tips of feet pitchy; claws and foot-cushions tawny; tips of claws black: wings colourless; a small black spot on the middle of the fore border; wing-ribs and veins tawny, the latter black towards the tips; poisers pale yellow. *Fem.*—Abdomen black above, with four yellow spots on each side; these spots are in pairs, and decrease successively in size from the base to the tip; there are also three pairs of spots on the sides of the abdomen; the first pair on the back join the first side pair, the second are nearly separated from the second side pair, and the third pair are quite distinct from the third side pair: tips of hind thighs ferruginous, black beneath; hind shanks mostly ferruginous. Length of the body 5 lines; of the wings 10 lines.

a. New Holland. Presented by J. Hunter, Esq.
b. New Holland. Presented by the Earl of Derby.
c. West Australia. From Mr. Clifton's collection.

Eristalis Antidotus, n. s., mas. *Fulvus, thorace vittis quatuor scutelloque æneis, abdomine basi albido, fasciis duabus fuscis ornato, apice viridi, segmento quarto piceo margine postico ferrugineo flavoque fasciato, antennis pedibusque fulvis, tibiis basi flavis, tibiis posticis ferrugineis, alis limpidis.*

Head covered with a white bloom, clothed with short tawny hairs, beset with a few black hairs at the crown, yellow in front: mouth black: feelers tawny; a black stripe on the edge of the third joint; bristle black towards the tip: eyes yellow, slightly bronzed; facets on the fore part of the crown larger than those elsewhere: chest and breast tawny, covered with tawny down: chest adorned with four bronze stripes; scutcheon slightly bronzed; breast bronzed about the hips: abdomen obconical, deep tawny, a little shorter but hardly broader than the chest; a whitish narrow band at the base; a brown band along the hind border of the second segment, widening and forming an angle in the middle of its fore border; third segment with a similar band along its hind border,

which however is tawny; fourth segment pitchy, ferruginous on the hind border, and adorned with a broad angular yellow band; fifth segment dark green, shining: legs tawny, clothed with short tawny and black hairs; thighs darker towards the tips; shanks pale yellow towards the base; hind shanks ferruginous, yellow at the base, tawny in the middle; claws and foot-cushions tawny; tips of claws black: wings colourless; wing-ribs, veins, and poisers tawny. Length of the body 5½ lines; of the wings 10 lines.

a. China. Presented by G. T. Lay, Esq.

Eristalis Inamames, n. s., mas. *Niger, pilis fulvis vestitus, scutello nigro piloso, abdomine basi fulvo, antennis pedibusque nigris, tarsis fulvis, alis limpidis.*

Body black, broad and thick: head clothed with pale tawny hairs, silvery behind, beset with black hairs on the crown, covered in front with a dark tawny bloom: mouth black: feelers black; bristle tawny, feathered: eyes reddish bronze; facets on the front of the crown larger than those elsewhere: chest and breast black, chest thickly clothed with short bright tawny hairs; breast covered with a dull tawny bloom; scutcheon, with the exception of its hind border, clothed with black hairs: abdomen short-obconical, clothed with short tawny hairs, tawny at the base, a little broader and shorter than the chest: legs black, clothed with short black hairs; feet dark tawny; foot-cushions pale tawny; claws yellow, with black tips: wings colourless; wing-ribs and veins pitchy; poisers tawny. Length of the body 6 lines; of the wings 12 lines.

a. Sandwich Isles. Presented by Captain Beechey.

Eristalis Andræmon, n. s., fem. *Niger, thorace antico fulvo pectore cinereo, abdomine fulvo fasciis tribus nigris, pedibus nigris, alis albidis basi et costæ medio nigro-fuscis.*

Body black: eyes dark reddish bronze; facets very small: chest clothed with short black hairs, in front tawny and clothed with short tawny hairs: breast gray: abdomen short-obconical, bright tawny, adorned with three black bands on the hind borders of the segments, a little broader but not longer than the chest; first band much broader than either of the two following: legs black, clothed with short black hairs: wings whitish, dark brown at the base, and having a large spot of the same colour on the middle of the fore border; cross-veins clouded with brown: wing-ribs and veins black. Length of the body 6 lines; of the wings 11 lines.

a. Silhet. From the Rev. J. Stainforth's collection.

Eristalis Datamus, n. s., fem. *Niger, pilis fulvis vestitus, scutello nigro hirto, abdomine basi fulvo, pedibus nigris, tarsis fulvis, alis albidis basi et costæ medio nigro-fuscis.*

Body black, stout: head clothed with short tawny hairs; a ferruginous spot at the base of the feelers, which like the mouth are black: eyes reddish bronze; facets very small: chest and breast thickly clothed with short tawny hairs, which are most pale on the breast; scutcheon, excepting the hind border, clothed with black hairs: abdomen a little broader, but not longer than the chest, clothed with short tawny hairs, adorned with a broad tawny band, which occupies one-third of the length from the base: legs black, clothed with short tawny hairs: feet tawny; tips of claws black: wings whitish, dark brown at the base, adorned with a large dark brown spot on the middle of the fore border: wing-ribs and veins black; poisers pitchy. Length of the body 7 lines; of the wings 12 lines.

a. ——— ? From Mr. Children's collection.

Eristalis Plistoanax, n. s., mas. *Niger, capite fulvo, thorace piceo fasciis duabus fulvis, abdomine fulvo maculis dorsi ferrugineis, antennis fulvis, pedibus nigris, tibiis basi femoribusque posticis fulvis, alis fusco-fulvis.*

Body black, broad and thick: head tawny, clothed in front with pale tawny hairs: mouth pitchy: feelers tawny: eyes bronze black; facets on the fore part of the crown larger than elsewhere: chest pitchy, clothed with short black hairs, adorned with two dark tawny bands, which are clothed with hairs of the same colour; one is on the fore border, the other before the scutcheon: abdomen tawny, short-obconical, a little broader but not longer than the chest, clothed with short tawny hairs; a triangular ferruginous spot on the hind border of each segment from the second; that on the second is largest and darkest, and extends to the sides; legs black, clothed with short tawny hairs; shanks towards the base and hind thighs, except their tips, tawny and clothed with paler hairs; foot-cushions and claws tawny; tips of claws black: wings brownish tawny, paler at the tips and along the hind borders; wing-ribs and veins pitchy, the latter ferruginous towards the base; poisers tawny. Length of the body 5½ lines; of the wings 11 lines.

a. Philippine Isles. From Mr. Cuming's collection.

ERISTALIS Babytace, n. s., mas. *Niger, thorace piceo fasciis duabus fulvis, abdomine piceo basi fulvo, antennis ferrugineis, pedibus nigris, tibiis basi flavis, tarsis subtus piceis, alis subfulvis ad costam obscurioribus fuscoque maculatis.*

Body black, broad and thick: head clothed with short black hairs, in front tawny and clothed with short tawny hairs: mouth pitchy: feelers pale ferruginous; bristle tawny: eyes bronzed, dark red on the fore part of the crown, where the facets are larger than elsewhere: chest pitchy, clothed with short black hairs, adorned with two dark tawny indistinct bands, which are covered with hairs of the same colour; the first is in front of the chest, the second before the scutcheon: abdomen short-obconical, a little broader but not longer than the chest, clothed with short tawny hairs, tawny for half the length from the base, pitchy thence to the tip: legs black, clothed with short tawny hairs; shanks yellow towards the base; feet pitchy beneath; foot-cushions and claws tawny; tips of claws black: wings with a slight tawny tinge, darker along the fore border, on whose middle there is a brown spot; wing-ribs and veins pitchy; poisers tawny. Length of the body 6½ lines; of the wings 12 lines.

a. Philippine Isles. From Mr. Cuming's collection.

ERISTALIS Agyrus, n. s., mas. *Piceus, pilis fulvis hirtus, capite fulvo, abdomine viridi-æneo, basi fulvo, antennis piceis pedibus nigris tibiis basi femoribus anterioribus apice femoribusque posticis fulvis, alis limpidis.*

Body pitchy, broad and thick: head tawny, clothed in front with tawny hairs: mouth black, shining: feelers pitchy; bristle tawny: eyes coppery; facets on the fore part of the crown much larger than elsewhere: chest and breast clothed with dark tawny hairs, the latter covered with a gray bloom: abdomen brassy green, tawny towards the base, clothed with tawny hairs, shorter but hardly broader than the chest: legs black, clothed with tawny and black hairs; shanks tawny at the base; foot-cushions tawny; claws black, tawny towards the base; tips of four front thighs tawny; hind thighs tawny, black towards the tips: wings colourless; wing-ribs, veins, and poisers pitchy; angle of the tip vein sending forth a short branch. Length of the body 4½ lines; of the wings 8 lines.

a. Philippine Isles. From Mr. Wood's collection.

Eristalis Æsymnus, n. s., mas. *Piceus, pilis fulvis hirtus, thorace antico fulvo, abdominis basi fulvo apice fasciis ferrugineis, antennis piceis, pedibus ferrugineis, alis fuscis apice margineque postico limpidis.*

Body broad, pitchy: head clothed with pale tawny hairs, ferruginous in front: mouth pitchy: feelers pitchy; bristle tawny, feathered: eyes coppery, mingled with dark red; facets on the fore part of the crown larger than elsewhere: chest clothed with dark tawny hairs, in front bright tawny, and clothed with hairs of the same colour: abdomen short-obconical, clothed with tawny hairs, as broad as the chest but not longer, bright tawny from the base to near half the length, pitchy, with dark ferruginous bands from thence to the tip: legs dark ferruginous, thickly clothed with short black hairs; claws and foot-cushions tawny; tips of claws black; hind thighs not thick: wings dark brown, colourless at the tips and along the hind borders; wing-ribs, veins, and poisers pitchy; angle of the vein emitting a short branch. Length of the body 4 lines; of the wings 8 lines.

a. East Indies. From Archdeacon Clerk's collection.

Eristalis Æbutius, n. s., fem. *Nigro-æneus, capite nigro, fronte fulvo, scutello purpureo, abdomine cyaneo-viridi, æneo purpureo maculisque nigris ornato, antennis pedibusque fulvis, femoribus basi æneis, posticis viridi-æneis apice purpureis, tibiis apice tarsisque piceis, alis limpidis basi subfulvis.*

Head black, covered behind with silvery bloom, very bright tawny in front: mouth pitchy; feelers bright tawny; bristle darker; eyes very dark red; all their facets very small: chest and breast dull brassy black, thickly clothed with short tawny hairs; scutcheon bright purple: abdomen nearly oval, thinly clothed with short tawny hairs, a little longer and broader than the chest, bright coppery green at the base; then succeeds a broad purplish black band, which is followed by a narrow shining purplish blue band on the hind border of the second segment; third segment bluish green, with a large transverse black spot on each side of the hind border; fourth segment bluish green, with a smaller nearly round black spot on each side; fifth segment purplish blue, shining; tip black; third and fourth segments each adorned with a round black spot: legs tawny, clothed with short tawny hairs; thighs towards the base and hips brassy; feet and tips of the shanks of the fore legs and of the hind legs pitchy; hind thighs bright brassy green, purple towards the tips; claws black; foot-cushions tawny: wings colourless, with a slight tawny tinge towards the base; wing-ribs pitchy;

veins black, tawny towards the base, some of them tawny along the whole length; poisers tawny. Length of the body 6 lines; of the the wings 12 lines.

a. Adelaide. Presented by the Entomological Club.

ERISTALIS smaragdi, n. s., fem. *Viridis, micans, antennis fulvis, pedibus nigris, femoribus cyaneis, tibiis anterioribus basi fulvis, alis limpidis.*

Body bright metallic green, thinly clothed with short hoary hairs: head clothed with short pale hairs, white behind, in front tawny and covered with a white bloom: mouth pitchy: feelers tawny: eyes bronzed; their facets very small: breast with a tuft of white hairs on each side: abdomen obconical, as long and as broad as the chest: legs black; hips and thighs blue; hind thighs purplish blue, stout, compressed; four front shanks tawny at the base; hind shanks curved; claws black; foot-cushions dull tawny: wings colourless; wing-ribs and veins black; poisers tawny. Length of the body 3 lines; of the wings 6 lines.

a. New Holland. Presented by J. Hunter, Esq.

ERISTALIS chrysopygus, *Wied. Zool. Mag.* iii. 15, 21. *Auss. Zweif.* ii. 152, 1. Phytomia chrysopyga, *Guerin, Belanger, Voy. Ind. Orient.* 510, *pl.* 4, *f.* 8. Megaspis chrysopygus, *Macq. Dipt. Exot.* ii. 27, 1, *pl.* 7, *f.* 2.

a. Silhet. From Mr. Sowerby's collection.
b. Silhet. From Mr. Stainforth's collection.
c. ——— ?

ERISTALIS crassus, *Fabr. Syst. Antl.* 232, 4. *Wied. Auss. Zweif.* ii. 153, 3. Syrphus crassus, *Fabr. Ent. Syst.* iv. 281, 12. S. megacephalus, *Fabr. Ent. Syst. Suppl.* 561, 17. Megaspis crassus, *Macq. Dipt. Exot.* ii. 28, 2, *pl.* 7, *f.* 3.

a. Nepaul. From the Hardwicke bequest.
b. North Bengal. From Miss Campbell's collection.

ERISTALIS intricarius, *Fabr. Syst. Antl.* 232, 3. *Meig. Dipt.* iii. 391, 12. *Macq. Hist. Nat. Dipt.* i. 501, 1. Musca intricaria, *Linn. Syst. Nat.* ii. 985. *Faun. Suec.* 1800. *Gmel. Ed. Syst. Nat.* v. 2871, 33. *Deg. Ins.* vi. 59, 3, *pl.* 8, *f.* 10, 11. *Stew, El.* ii. 265. *Turt.* iii. 638. M. fuscus, *Harr. Ex.* 42, *pl.* 10, *O.* 3, *f.* 3. Syrphus intricarius, *Fabr. Sp. Ins.* ii. 426, 22. *Ent. Syst.* iv. 281, 11. *Panz. Faun. Germ.* lix. 11. *Fall. Syrph.* 23, 12. *Zett. Ins. Lapp.* 502, 1. S. bombyliformis, *Fabr. Ent. Syst.* iv. 281, 13. *Syst. Antl.* 227, 12. *Panz.*

Faun. Germ. lix. 12. S. aureus, *Panz. Faun. Germ.* xc. 20. Volucella intricaria, *Schrank*, *Faun. Boic.* iii. 2479.
a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Eristalis Nemorum, *Fabr. Syst. Antl.* 234, 10. *Meig. Dipt.* iii. 394, 16. *Macq. Hist. Nat. Dipt.* i. 502, 5. Musca Nemorum, *Linn. Syst. Nat.* ii. 984. *Faun. Suec.* 1797. *Gmel. Ed. Syst. Nat.* v. 2869, 30. *Schrank*, *Ins. Austr.* 903. *Berk. Syn.* i. 163. *Stew*, *El.* ii. 264. *Turt.* iii. 640. M. Lyra, *Harr. Ex.* 42, *pl.* 10, *O.* 3, *f.* 5. Musca, &c., *Reaum. Ins.* iv. *pl.* 31, *f.* 8. *Geoff. Ins.* ii. 511, 36. Syrphus Nemorum, *Fabr. Sp. Ins.* ii. 414, 13. *Ent. Syst.* iv. 285, 25. *Zett. Ins. Lapp.* 503, 5. Volucella Nemorum, *Schrank*, *Faun. Boic.* iii. 2478. Elophilus Nemorum, *Latr. Gen. Crust.* iv. 324.
a. England.
b. France.

Eristalis Arbustorum, *Fabr. Syst. Antl.* 236, 17. *Meig. Dipt.* iii. 395, 17. *Macq. Hist. Nat. Dipt.* i. 503, 7. Musca Arbustorum, *Linn. Syst. Nat.* ii. 984. *Faun. Suec.* 1798. *Gmel. Ed. Syst. Nat.* v. 2869, 31. *Schrank*, *Faun. Boic.* iii. 2428. M. horticola, var. *Deg. Ins.* vi. 60, 5. M. cinctos, *Harr. Ex.* 43, *pl.* 10, *O.* 3, *f.* 6. Syrphus Arbustorum, *Fabr. Sp. Ins.* ii. 424, 15. *Ent. Syst.* iv. 286, 30. *Panz. Faun. Germ.* xiv. 22. *Fall. Syrph.* 25, 15. *Zett. Ins. Lapp.* 593, 6. Elophilus Arbustorum, *Latr. Gen. Crust.* iv. 324.
a. England.
b. France.

Eristalis horticola, *Meig. Dipt.* iii. 396, 18. *Macq. Hist. Nat. Dipt.* i. 503, 8. Musca horticola, *Deg. Ins.* vi. 60, 5, *pl.* 8, *f.* 12. M. lineatus? *Harr. Ex.* 42, *pl.* 10, *O.* 3, *f.* 4. Eristalis flavicinctus, *Fabr. Syst. Antl.* 232, 5. Syrphus flavicinctus, *Fall. Syrph.* 24, 13.
a. England.
b. Finmark? From Mr. Children's collection.
c. ——— ? From Mr. Children's collection.

Eristalis Rupium, *Fabr. Syst. Antl.* 241, 38. *Meig. Dipt.* iii. 397, 19. *Macq. Hist. Nat. Dipt.* i. 503, 9. Musca paralleli, *Harr. Ex.* 43, *pl.* 10, *O.* 3, *f.* 7. M. lineolæ (var. ?), *Harr. Ex.* 58, *pl.* 15, *f.* 10. Syrphus cryptarum, *Panz. Faun. Germ.* xc. 18. S. piceus, *Fall. Syrph.* 24, 14.
a. England.

Eristalis flavipes, *Barnston's MSS.*, mas. et fem. *Niger, pilis fulvis vestitus, abdomine nigro hirto, basi lateribus fulvo fasciculatis, antennis piceis, pedibus nigris, tarsis anticis piceis intermediis fulvis posticis rufis, alis subfuscis disco nigro-fuscis apice limpidis.*

Body black: head clothed with pale tawny hairs: mouth black: feelers pitchy; bristle ferruginous, feathered, black towards the tip: eyes bronzed or pitchy; each with a stripe of short black hairs; all the facets very small: chest and breast very thickly clothed with pale tawny hairs: abdomen short-obconical, much broader and a little longer than the chest, clothed with black hairs, adorned on each side of the tip with a tuft of pale tawny hairs: legs black, clothed with short black hairs; foot-cushions tawny; claws black, tawny at the base; fore feet pitchy; middle feet tawny, with black tips; hind feet pale red, with black tips: wings of the male colourless; wings of the female tinged with brown from the base to the middle, where they are dark brown, colourless thence to the tips; wing-ribs and veins pitchy, the latter ferruginous towards the base; poisers tawny. Length of the body 5—6 lines; of the wings 10—12 lines.

Var. β. *Thorace flavo-piloso, abdomine fulvo piloso basique pilis flavis vestito, pedibus nigris, tarsis posticis fulvis.* Chest and sides of the breast very thickly clothed with yellow hairs: back of the abdomen very thickly clothed with bright tawny hairs, and at the base with pale yellow hairs: legs black; four front feet dull tawny beneath; hind feet bright tawny, with black tips.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.
b. Nova Scotia. From Lieut. Redman's collection.

Eristalis floreus, *Fabr. Syst. Antl.* 233, 9. *Meig. Dipt.* iii. 399, 21. *Macq. Hist. Nat. Dipt.* i. 504, 10. Musca florea, *Linn. Syst. Nat.* ii. 984. *Faun. Suec.* 1796. *Gmel. Ed. Syst. Nat.* v. 2868, 29. *Deg. Ins.* vi. 46, 2, *pl.* 6, *f.* 2. *Schrank, Faun. Boic.* iii. 2426. *Schæff. Icon. pl.* 54, *f.* 11. *Stew, El.* ii. 264. *Turt.* iii. 639. M. ablectus, *Harr. Ex.* 41, *pl.* 10, 3, *f.* 2. M. Atropos, *Gmel. Ed. Syst. Nat.* v. 2880, 383. *Schrank, Ins. Austr.* 904. Syrphus floreus, *Fabr. Sp. Ins.* ii. 423, 11. *Ent. Syst.* iv. 283, 20. *Panz. Faun. Germ.* xli. 21. *Fall. Syrph.* 30, 25. Elophilus floreus, *Latr. Gen. Crust.* iv. 324.
a. England.
b. France.
c. Ukraine. Presented by Dr. Dowler.
d. Albania. Presented by W. W. Saunders, Esq.
e. ——? From Mr. Children's collection.

VOLUCELLA, *Geoffroy.*

VOLUCELLA bombylans, *Schrank, Faun. Boic.* iii. 2473. *Latr. Gen. Crust.* iv. 322. *Meig. Dipt.* iii. 402, 1. *Zeller, Ent. Zeit. Stettin*, iii. 65. *Erichson, Ent. Zeit. Stettin*, iii. 113. *Macq. Hist. Nat. Dipt.* i. 493, 1. *Guér. Icon. Regn. Anim. Ins. pl.* 99, *f.* 1. *Zett. Ins. Lapp.* 591, 3. Musca bombylans, *Linn. Syst. Nat.* ii. 983. *Faun. Suec.* 1792. *Gmel. Ed. Syst. Nat.* v. 2867, 25. *Schæff. Icon. pl.* 10, *f.* 7. *Harr. Ex.* 40, *pl.* 10, *f.* 3. *Harr. Ex.* 39, *pl.* 10, *f.* 1. *Ins.* v. 23, *pl.* 151, *f.* 4. *Stew, El.* ii. 264. *Don. Brit. Ins.* xiv. 15, *pl.* 471. *Turt.* iii. 637, var.? M. melanopyrrha, *f.* 1. *Stew, El.* ii. 264. *Turt.* iii. *Forst. Curt.* i. 98. *Stew, El.* ii. 258. *Turt.* iii. 604. M. plumata, *Deg. Ins.* vii. 58, *pl.* 8, *f.* 4—9. M. mystacea, *p.* 37. M. plumosa, *Gmel. Ed. Syst. Nat.* v. 2867, 333. Syrphus bombylans, *Fabr. Sp. Ins.* ii. 421, 1. *Ent. Syst.* iv. 279, 4. *Syst. Antl.* 224, 4. *Panz. Faun. Germ.* viii. 21. *Fall. Syrph.* 18, 3.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

Var. Volucella hæmorrhoidalis, *Dalman, Zett. Ins. Lapp.* 591, 2.

VOLUCELLA plumata, *Latr. Gen. Crust.* iv. 322. *Meig. Dipt.* iii. 402, 2. *Macq. Hist. Nat. Dipt.* i. 494. *Zett. Ins. Lapp.* 591, 3. Musca, &c., var. *Linn. Faun. Suec.* 1793. M. mystacea, *Gmel. Ed. Syst. Nat.* v. 2867, 26. *Schell. Gen. Mouch. pl.* 8, *f.* 1. M. plumata, *Deg. Ins.* vi. 58, 2, *pl.* 8, *f.* 4—9. Syrphus mystaceus, *Fabr. Sp. Ins.* ii. 421, 2. *Ent. Syst.* iv. 279, 5. *Syst. Antl.* 224, 5. *Panz. Faun. Germ.* viii. 22. Volucella mystacea, *Schrank, Faun. Boic.* iii. 2474. V. apiaria, *Schrank, Faun. Boic.* iii. 2475. Syrphus plumatus, *Fall. Syrph.* 17, 2.

a. England.
b. France.
c. ——— ? From Mr. Children's collection.

VOLUCELLA pellucens, *Schrank, Faun. Boic.* iii. 2481. *Latr. Gen. Crust.* iv. 322. *Meig. Dipt.* iii. 404, 3. *Macq. Hist. Nat. Dipt.* i. 493, 2. *Zett. Ins. Lapp.* 591, 4. Musca pellucens, *Linn. Faun. Suec.* 1826. *Gmel. Ed. Syst. Nat.* v. 2838, 62. *Deg. Ins.* vi. 27, 1, *pl.* 3, *f.* 1—3. *Herbst, Germ. Nat.* viii. *pl.* 340, *f.* 4. *Schrank, Ins. Austr.* 920. *Fabr. Sp. Ins.* ii. 435, 2. *Berk. Syn.* i. 164. *Stew, El.* ii. 257. *Turt.* iii. 637. *Shaw, Gen. Zool.* vi. 385. *Rem. Linn. Gen.* 31, *pl.* 6. Syrphus pel-

lucens, *Fabr. Ent. Syst.* iv. 279, 3. *Syst. Antl.* 244, 3. *Panz. Faun. Germ.* i. 17. *Fall. Syrph.* 19, 5. S. putescens, *Schell. Gen. Mouch. pl.* 8, *f.* 2. Volucella, &c., *Geoff. Ins.* ii. 540, 1.

a. England.
b. France.
c. South of France. Presented by F. Walker, Esq.
d. ———? From Mr. Children's collection.

Volucella inflata, *Meig. Dipt.* iii. 405, 4, *pl.* 32, *f.* 28. *Macq. Hist. Nat. Dipt.* i. 493. *Curt. Brit. Ent.* 452. Syrphus inflatus, *Fabr. Ent. Syst.* iv. 280, 8. *Syst. Antl.* 226, 8. Volucella dryophila, *Schrank*, *Faun. Boic.* iii. 2476.

a. England.
b. France.

Volucella zonaria, *Meig. Dipt.* iii. 406, 5, *pl.* 32, *f.* 27. *Macq. Hist. Nat. Dipt.* i. 492, 1. *Schmitt. Ent. Zeit. Stettin*, iii. 18. Musca, &c., *Reaum. Ins.* iv. *pl.* 33, *f.* 15. *Schæff. Icon. pl.* 80, *f.* 1. M. zonaria, *Schrank*, *Ins. Austr.* 921. Syrphus inanis, *Fabr. Ent. Syst.* iv. 278. *Syst. Antl.* 223, 1.

a. Clermont. Presented by the Entomological Club.
b. Clermont. Presented by F. Walker, Esq.
c. France.
d. Albania. Presented by E. Doubleday, Esq.
e. Albania. Presented by W. W. Saunders, Esq.
f. Albania. Presented by F. Walker, Esq.
g. Martigny. Presented by F. Walker, Esq.
h. Malaga. Presented by Benjamin Frend, Esq.

Volucella inanis, *Latr. Gen. Crust.* iv. 322. *Cons. Gén.* 443. *Meig. Dipt.* iii. 407, 6. *Macq. Hist. Nat. Dipt.* i. 492. Musca inanis, *Linn. Faun. Suec.* 1825. *Gmel. Ed. Syst. Nat.* v. 2837, 61. *Fabr. Sp. Ins.* ii. 435, 1. *Schæff. Icon. pl.* 36, *f.* 7, 8. *Berk. Syn.* i. 164.? *Don. Brit. Ins.* xxiv. 59, *pl.* 490, *f.* 1. *Stew, El.* ii. 257. *Turt.* iii. 636. *Sam. Ent. Comp.* 71, *pl.* 9, *f.* 3. M. annulatus, *Harr. Ex.* 40, *pl.* 10, *f.* 4. M. apivora, *Deg. Ins.* vi. 28, 3, *pl.* 3, *f.* 4. M. trifasciata, *Schrank*, *Ins. Austr.* 919. Syrphus micans, *Fabr. Ent. Syst.* iv. 278, 2. *Syst. Antl.* 224, 2. S. inanis, *Panz. Faun. Germ.* ii. 6. *Fall. Syrph.* 19, 6.

a. England.
b. Albania. Presented by F. Walker, Esq.
c. ———? From Mr. Children's collection.

VOLUCELLA metallifera, n. s., fem. *Cano-purpurea, capite piceo trisulcato, antennis ferrugineis, pedibus nigris, alis limpidis basi et ad costam nigro-fuscis fulvoque variis.*

Body purple, covered with a very slight hoary bloom: head pitchy, clothed behind with whitish down, with three furrows between the eyelets and the feelers, prominent in front, and adorned on each side with whitish down: mouth black: feelers ferruginous; bristle deeply feathered: eyes pitchy; all the facets very small: chest thinly clothed with very short tawny hairs: abdomen short-obconical, broader but not longer than the chest; hairs at the tip rather longer and more numerous than elsewhere: legs black, clothed with short black hairs; foot-cushions pale tawny; claws black: wings colourless, blackish brown at the base and along the fore border for nearly half the breadth, and for more than half the length; disk of the dark part tawny here and there; veins slightly clouded with brown along the rest of the fore border and at the tip; wing-ribs pitchy; veins black; fore border veins tawny in the colourless part of the wing; poisers pale tawny. Length of the body 7 lines; of the wings 15 lines.

a. Venezuela. From Mr. Dyson's collection.
b. Mexico. Presented by E. P. Coffin, Esq.

VOLUCELLA esuriens, *Wied. Auss. Zweif.* ii. 197, 4. Syrphus esuriens, *Fabr. Ent. Syst.* iv. 281, 10. *Syst. Antl.* 226, 9.
a. ——? From Mr. Children's collection.

VOLUCELLA adjuncta, n. s., mas. et fem. *Ferruginea, thorace purpureo, antennis pedibusque ferrugineis, tarsis apice femoribusque piceis, alis limpidis ad costam subfulvis, nervis transversis basi fusco nebulosis.*

Nearly allied to *V. esuriens.* Body smooth and shining: head ferruginous: eyes pitchy; facets on the fore part of the crown rather larger than those elsewhere: feelers ferruginous: chest purple, ferruginous towards the tip: abdomen ferruginous: legs ferruginous, clothed with short black hairs; thighs and tips of feet pitchy; claws black; foot-cushions tawny: wings colourless, slightly tawny along the fore border towards the base; cross-veins adjoining the tawny part clouded with brown; wing-ribs and veins pitchy; poisers pale yellow. Length of the body 5½—6 lines; of the wings 12—13 lines.

a. ——? From Mr. Children's collection.

VOLUCELLA spinigera, *Wied. Auss. Zweif.* ii. 197, 5.
a. South America. From Mr. Warwick's collection.

VOLUCELLA purpurea, n. s., mas. *Cupreo-purpurea, capite fulvo, pectore abdominis basi ventreque ferrugineis, antennis fulvis, pedibus ferrugineis, alis cinereo-fulvis disco fuscis.*

Head tawny, prominent in front: feelers tawny; bristle deeply feathered: eyes bronzed, partly pitchy; facets on the fore part of the crown larger than those elsewhere: chest coppery purple, covered with tawny down, beset on each side and behind with a few black bristles: breast ferruginous, slightly bronzed: abdomen short-obconical, coppery purple, tawny at the base, a little broader but not longer than the chest; underside ferruginous, slightly bronzed: legs dull ferruginous, clothed with short black hairs; foot-cushions tawny; claws black, ferruginous at the base: wings grayish tawny, with a large brown spot on the fore border occupying half the breadth of the wing, extending to the hind border along one of the veins, and accompanying the fore border nearly to the tip; wing-ribs and veins pitchy; veins ferruginous towards the base; poisers dull tawny, with whitish knobs. Length of the body 4½ lines; of the wings 9 lines.

a. Para. Presented by Reginald Graham, Esq.

VOLUCELLA obesa, *Wied. Auss. Zweif.* ii. 199, 8. *Macq. Hist. Nat. Dipt.* i. 494, 5. Syrphus obesus, *Fabr. Ent. Syst.* iv. 763, 5. *Ent. Syst.* iv. 282, 15. *Syst. Antl.* 227, 14. Ornidia obesa, *St. Farg. et Serv. Encyl.* x. 786. *Walk. Linn. Trans.* xvii. 346, 41.

a. Isle of France.
b. Surinam.
c. Jamaica.
d. Brazil.
e. Carthagena.
f. Brazil. Presented by Sir C. Stewart.
g. Honduras. Presented by Sir C. Stewart.
h. Jamaica. From Mr. Gosse's collection.
i. Brazil. From Mrs. Noel's collection.
j. ——— ? From Mr. Children's collection.
k. ——— ?

VOLUCELLA vacua, *Wied. Auss. Zweif.* ii. 202, 13. Syrphus vacuus, *Fabr. Ent. Syst.* 763, 4. *Ent. Syst.* iv. 281, 14. *Syst. Antl.* 227, 13.

a. Florida. Presented by E. Doubleday, Esq.
b. Georgia. From Mr. Abbot's collection.
c. South America.
d. ——— ? From Mr. Children's collection.

Fam. XV. Platypezinæ.

Platypeza, *Meigen.*

Group I. *Meig. Dipt.* iv. 5, *pl.* 33, *f.* 10, *a.*

Platypeza boletina, *Fall. Platyp.* 4, 1. *Meig. Dipt.* iv. 5, 1. *Macq. Hist. Nat. Dipt.* ii. 18, 4.
a. France.

Platypeza fasciata, *Panz. Faun. Germ.* 103, 20. *Meig. Dipt.* iv. 6, 2. *Macq. Hist. Nat. Dipt.* ii. 7, 1. *Zett. Ins. Lapp.* 529, 1. Dolichopus fasciatus, *Fabr. Syst. Antl.* 271, 22. *Latr. Gen. Crust.* iv. 292. *Lam. Anim. sans Verteb.* iii. 424, 1.
a. England.

Platypeza atra, *Fall. Platyp.* 6, 3. *Meig. Dipt.* iv. 7, 4. *Macq. Hist. Nat. Dipt.* ii. 18, 7. *Zett. Ins. Lapp.* 529, 3.
a. France.

Group II. *Meig. Dipt.* iv. 7.

Platypeza picta, *Meig. Dipt.* vi. 358, 9.
a. England. Presented by F. Walker, Esq.

Callomyia, *Meigen.*

Callomyia elegans, *Panz. Faun. Germ.* ciii. 18, 19. *Meig. Dipt.* iv. 11, 1. *Macq. Hist. Nat. Dipt.* ii. 19, 1, *pl.* 13, *f.* 8. *Zett. Ins. Lapp.* 531, 3. Dolichopus elegans, *Fabr. Syst. Antl.* 271, 21. *Latr. Gen. Crust.* iv. 292. *Lam. Anim. sans Verteb.* iii. 425, 3. C. leptiformis, mas., *Fall. Platyp.* 6, 1.
a. England.

Callomyia elegantula, *Fall. Platyp.* 7, 2. *Meig. Dipt.* iv. 13, 3.
a. France.

Callomyia leptiformis, *Fall. Platyp.* 6, 1. *Zeit. Act.* 6. *Holm.* 1819, 1, 78, 31. Var. *a. Ins. Lapp.* 530, 1. *Meig. Dipt.* iv. 13, 4. *Macq. Hist. Nat. Dipt.* ii. 20, 3. C. socia, *Wied. Zool. Mag.* i. 69, 13.
a. France.

CALLOMYIA speciosa, *Meig. Dipt.* iv. 14, 6. *Macq. Hist. Nat. Dipt.* ii. 20, 4. *Zett. Ins. Lapp.* 530, 2. C. leptiformis, var. *b. Zett. Act. Holm.* 1819, 1, 79.
a. England. Presented by F. Walker, Esq.

CALLOMYIA antennata, *Fall. Kongl. Vet. Acad. Handl.* 1819. *St.* 1, 79, 32. *Meig. Dipt.* iv. 15, 7. *Macq. Hist. Nat. Dipt.* ii. 20, 5.
a. England. Presented by F. Walker, Esq.

Fam. XVI. MEGACEPHALI.

PIPUNCULUS, *Latreille.*

* *Ent. Mag.* ii. 264.

PIPUNCULUS maculatus, *Walk. Ent. Mag.* ii. 264, 1. P. lateralis, *Macq. Hist. Nat. Dipt.* ii. 11, 8. P. annulipes, *Zett. Ins. Lapp.* 580, 7.
a. England. Presented by F. Walker, Esq.

PIPUNCULUS reipublicæ, n. s. *Niger, abdomine nigro-æneo, antennis pedibusque fulvis, femoribus basi nigro fasciatis, alis limpidis.*

Body black, hardly shining: eyes red: feelers tawny; bristle black: abdomen brassy black, convex, thinly clothed with white down: legs tawny; a black band at the base of each thigh: wings colourless; wing-ribs tawny; veins black, tawny towards the base; poisers pale yellow. Length of the body $1\frac{1}{3}$ line; of the wings $1\frac{3}{4}$ line.

a. New York. Presented by the Entomological Club.

PIPUNCULUS sylvaticus, *Meig. Dipt.* iv. 20, 3. *Walk. Ent. Mag.* ii. 265, 2. *Macq. Hist. Nat. Dipt.* ii. 10, 5. *Zett. Ins. Lapp.* 579, 5.
a. England. Presented by F. Walker, Esq.

PIPUNCULUS geniculatus, *Meig. Dipt.* iv. 20, 2. *Walk. Ent. Mag.* ii. 265, 3. *Macq. Hist. Nat. Dipt.* ii. 10, 4. *Zett. Ins. Lapp.* 579, 4.
a. England. Presented by F. Walker, Esq.

† *Ent. Mag.* ii. 266.

PIPUNCULUS flavipes, *Meig. Dipt.* iv. 21, 5. *Walk. Ent. Mag.* ii. 266, 4.
a. England. Presented by F. Walker, Esq.
b. France.

PIPUNCULUS pratorum, *Meig. Dipt.* iv. 22, 7. *Walk. Ent. Mag.* ii. 266, 5. *Macq. Hist. Nat. Dipt.* ii. 11, 7. *Curt. Brit. Ent.* 757. *Zett. Ins. Lapp.* 579, 1. Cephalops pratorum, *Fall. Syrph.* 15, 1.
a. England.
b. England. Presented by F. Walker, Esq.

PIPUNCULUS campestris, *Latr. Hist. Nat. Crust.* xiv. 392. *Gen. Crust.* iv. 332. *Cons. Gén.* 444. *Leach, Edin. Encycl.* x. 130. *Meig. Dipt.* iv. 19, 1. *Guér. Icon. Reg. Anim. Ins. pl.* 96, *f.* 7. *Walk. Ent. Mag.* ii. 267, 6. *Macq. Hist. Nat. Dipt.* ii. 10, 3, *pl.* 13, *f.* 5.
a. England.
b. England. Presented by F. Walker, Esq.
c. France.

†† *Ent. Mag.* ii. 267.

PIPUNCULUS modestus, *Haliday, Ent. Mag.* i. 162. *Walk. Ent. Mag.* ii. 267, 7.
a. England. Presented by F. Walker, Esq.

PIPUNCULUS ruralis, *Meig. Dipt.* iv. 22, 8. *Walk. Ent. Mag.* ii. 268, 8. *Macq. Hist. Nat. Dipt.* ii. 11, 10.
a. England. Presented by F. Walker, Esq.

** *Meig. Dipt.* iv. 23. *Ent. Mag.* ii. 269.

PIPUNCULUS auctus, *Meig. Dipt.* iv. 23, 10. *Walk. Ent. Mag.* ii. 269, 9. *Macq. Hist. Nat. Dipt.* ii. 9, 2. Cephalops auctus. *Fall. Syrph.* 61, 1, 2.
a. England. Presented by F. Walker, Esq.

CHALARUS, *Walker.*

CHALARUS spurius, *Walk. Ent. Mag.* ii. 269, 1. Cephalops spurius, *Fall. Syrph.* 16, 3. Pipunculus spurius, *Meig. Dipt.* iv. 24, 12. *Zett. Ins. Lapp.* 580, 8. Atelenevra velutina, *Macq. Hist. Nat. Dipt.* ii. 12, 1, *pl.* 13, *f.* 6.
a. England. Presented by F. Walker, Esq.

CHALARUS holosericeus, *Walk. Ent. Mag.* ii. 270, 2. Pipunculus holosericeus, *Meig. Dipt.* iv. 24, 12. P. exiguus, *Hal. Ent. Mag.* i. 162. P. obscurus? *Zett. Ins. Lapp.* 580, 9. Atelenevra holosericea, *Macq. Hist. Nat. Dipt.* ii. 13, 2.
a. England. Presented by F. Walker, Esq.

Fam. XVII. DOLICHOPODES.

RHAPHIUM, *Meigen.*

RHAPHIUM longicorne, *Meig. Dipt.* iv. 28, 1. *Zett. Ins. Lapp.* 703, 1. *Macq. Dipt. Nord.* 51, 1. *Hist. Nat. Dipt.* i. 440, 1.
a. England.

RHAPHIUM caliginosum, *Meig. Dipt.* iv. 29, 4, *pl.* 9, *f.* 18. *Macq. Hist. Nat. Dipt.* i. 440, 3. *Zett. Ins. Lapp.* 703, 2. Hydrochus laticornis, *Fall. Dolich.* 6, 3, var. *c.*
a. England.

MACHÆRIUM, *Haliday.*

MACHÆRIUM maritimum, *Haliday, Zool. Journ.* v. 352, 1, *pl.* 15, *f.* 11, 12.
a. England. Presented by F. Walker, Esq.

DIAPHORUS, *Meigen.*

DIAPHORUS oculatus, *Zett. Ins. Lapp.* 706, 1. D. flavocinctus, *Meig. Dipt.* iv. 33, 1, vi. 360. *Macq. Dipt. Nord.* 22, 1, *pl.* 1, *f.* 3. D. Hoffmanseggii, *Meig.* vi. 5. *Macq. Hist. Nat. Dipt.* i. 448, 1. D. bimaculata, var.? *Macq. Hist. Nat. Dipt.* i. 448, 2, *pl.* 9, *f.* 11. Dolichopus oculatus, *Fall. Dolich.* 28, 22.
a. England.

PSILOPUS, *Megerle.*

PSILOPUS platypterus, *Meig. Dipt.* iv. 36, 2. *Macq. Dipt. Nord.* 24, 1, *pl.* 1, *f.* 4. *Hist. Nat. Dipt.* i. 448, 1, *pl.* 10, *f.* 23. Dolichopus platypterus, *Fabr. Syst. Antl.* 270, 20. Leptopus tipularius, *Fall. Dolich.* 23, 1. Psilopus tipularius, *Zett. Ins. Lapp.* 714, 1.
a. England.

Psilopus contristans, *Meig. Dipt.* iv. 37, 4. *Macq. Hist. Nat. Dipt.* i. 449, 3. Dolichopus contristans, *Wied. Zool. Mag.* i. 72, 19.
a. England.

Psilopus lugens, *Meig. Dipt.* iv. 38, 6. *Macq. Hist. Nat. Dipt.* i. 449, 5.
a. England.

Psilopus equestris, *Wied. Auss. Zweif.* ii. 214, 3. Musca equestris, *Fabr. Syst. Ent.* 782, 50. *Ent. Syst.* iv. 340, 119. Dolichopus equestris, *Fabr. Syst. Antl.* 268, 7.
a. Brazil.

Psilopus sipho, *Wied. Auss. Zweif.* ii. 218, 9. *Macq. Dipt. Exot.* ii. 119, 11, *pl.* 21, *f.* 1. Dolichopus sipho, *Say, Journ. Acad. Philad.* iii. 84, 1.
a. Massachusetts. From Prof. Sheppard's collection.

Psilopus diffusus? *Wied. Auss. Zweif.* ii. 221, 17.
a. Trenton Falls. Presented by E. Doubleday, Esq.

Psilopus cælestis, n. s. mas. *Viridissimus, capite cyaneo purpureoque vario, abdominis lateribus cupreo vittatis, antennis pedibusque flavis, tarsis fulvis, alis limpidis ad costam fuscis.*

Body intense green: head bright bluish green, varied with purple, golden green in front, much broader than the chest: eyes red: mouth pale tawny: feelers pale yellow; bristle black, longer than the body, with a knob at the tip: sides of the chest and breast covered with white bloom: abdomen with a bright copper stripe along each side; appendages tawny: legs pale yellow, adorned with parallel rows of very short black bristles, and clothed with longer hairs and bristles; feet dark tawny, pitchy towards the tips: wings colourless, dark brown along the fore border, paler, and including a colourless streak on the disk; wing-ribs and poisers tawny; veins black. Length of the body $3\frac{1}{4}$ lines; of the wings $6\frac{1}{2}$ lines.

a. East Indies. From Archdeacon Clerk's collection.

Psilopus smaragdinus, n. s. *Viridissimus, capite purpureo-cyaneo, abdomine subtus æneo, antennis nigris, pedibus fulvis, tarsis posticis femoribusque nigris, alis fuscis ad costam fulvo maculatis, marginibus posticis apicibus vittisque nonnullis limpidis.*

Body intense emerald green: head clothed with white hairs beneath, and with white down in front; crown of the head bright purplish blue: eyes bright red: mouth and feelers black, the latter

a little longer than the head and the chest: chest and abdomen beset with long black bristles: breast and abdomen covered with white bloom: abdomen brassy beneath: legs tawny, clothed with a few black hairs and bristles, adorned with parallel rows of very minute black bristles; thighs black; four front thighs tawny towards the tips; tips of feet pitchy; hind feet black: wings brown; a pale yellowish spot on the middle of the fore border; hind borders, tips, and some streaks on the disk colourless; wing-ribs and veins black; poisers pitchy. Length of the body 3 lines; of the wings 7 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Psilopus Cupido, n. s., mas. *Purpureus, capite viridi bimaculato, thoracis vittis tribus viridibus, abdominis lateribus cyaneo-viridibus, antennis pedibusque fulvis, alis limpidis ad costam fulvis, fuscoque bimaculatis.*

Body beset with black hairs and bristles: head bright purple, not broader than the chest, covered in front, behind and beneath with silvery down, adorned with a green spot on each side of the crown: eyes red: mouth tawny: feelers tawny; bristle black, shorter than the body: chest bluish purple, adorned with three green stripes; sides and breast covered with silvery bloom: abdomen purple, bluish green on each side, coppery green beneath: legs tawny, clothed with black hairs and bristles; feet dark tawny, pitchy towards the tips: wings colourless, tawny, with two brown marks along the fore border for more than half the length; beyond this are two brown bands joined together on the fore border; the second band is very broad, but does not join the hind border nor the tip of the wing; wing-ribs and veins tawny, the latter pitchy towards the tips; poisers tawny. Length of the body $2\frac{1}{4}$ lines; of the wings 5 lines.

a. East Indies. From Archdeacon Clerk's collection.

Psilopus carus, n. s., fem. *Viridis, cyaneo purpureoque varius, antennis nigris, pedibus fulvis, alis albidis apicem versus fuscis, nervis transversis fusco nebulosis.*

Body beset with black hairs and bristles: head bluish green and tinged with purple on the crown, golden green and covered with white down in front: eyes bright red: mouth tawny: feelers black: chest bright green, striped with blue and purple; sides and breast covered with silvery bloom: abdomen bluish green, covered beneath with silvery bloom: legs pale tawny, thinly clothed

white hairs and bristles; feet darker: wings whitish, brown towards the tips of the fore borders; cross-veins clouded with brown; wing-ribs and poisers tawny: veins pitchy. Length of the body 2 lines; of the wings 4 lines.

a. Congo. Presented by Sir. J. Richardson.

Psilopus gemmeus. *Purpureus, viridi cupreoque varius, antennis nigris, pedibus fulvis, femoribus nigris, alis fuscis subfusco variis, apicibus marginibusque posticis limpidis.*

Head bright purple, green in front and on each side of the crown: eyes red: mouth tawny: feelers black: chest green, purple on the disk, beset with long black bristles: abdomen bluish purple on the back, green, and varied with copper-colour on each side and beneath, beset with long black hairs and bristles, covered with whitish bloom, which is visible horizontally, more than twice the length of the chest; tip black: legs tawny, adorned with rows of very small black spines; hips green, clothed like the breast with white bloom; thighs black, clothed with a few white hairs towards the base; shanks armed with a few black bristles, which increase in length from the base to the tip; feet pitchy towards the tips; hind legs very long; hind feet armed with very long black bristles, their tips clothed with short black hairs: wings brown, mottled with paler colour, colourless along the hind borders and at the tips; wing-ribs and poisers pitchy; veins black. Length of the body 3 lines; of the wings 6 lines.

a. Africa.

Psilopus gemmans, n. s. *Aureo-viridis, thorace cyaneo vittato, abdomine basi cyaneo apice cupreo, antennis nigris, pedibus viridibus, tarsis nigris, alis subcinereis.*

Body golden green, beset with black bristles: head adorned with a bluish purple spot between the feelers and the mouth: eyes bright red: mouth pitchy: feelers black; bristle nearly as long as the chest: chest adorned with indistinct bluish stripes: abdomen blue at the base, bright copper-colour towards the tip: legs green, clothed with short black hairs; thighs furnished with long black hairs; feet black: wings slightly gray; wing-ribs and veins black; poisers pitchy. Length of the body 2¼ lines; of the wings 4½ lines.

a. West Australia. From Mr. Clifton's collection.

Psilopus gemmarius, n. s., mas. *Cyaneo-viridis, capite purpureo, thoracis lateribus pectoreque albo-flavis, abdomine viridi nigro fasciato, basi fulvo, antennis nigris basi flavis, capite thoraceque longioribus, pedibus albo-fulvis, tarsis apice nigris, alis subfulvis.*

Head covered with white down, shining and bright bluish purple on the crown: eyes pitchy; facets on the fore part of the crown larger than those elsewhere: mouth pale yellow: feelers black, pale yellow at the base, longer than the head and the chest: disk of the chest bluish green, armed with a few black bristles; sides and breast pale yellow, with a whitish tinge: abdomen green, clothed with black hairs, more slender than the chest, and about four times its length, tawny at the base, black at the tip; a broad black band along the fore border of each segment: legs whitish, tawny, long and slender, clothed with black hairs and bristles; feet black towards the tips: wings slightly tawny, brown at the tips of the fore borders; wing-ribs tawny; veins black; poisers pale tawny. Length of the body 5 lines; of the wings 7½ lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Psilopus delicatus, n. s., fem. *Viridis, gracilis, abdomine aureo-viridi, antennis fulvis, articulo 3º nigro, pedibus flavis, alis limpidis.*

Body slender, bright green, clothed with black hairs and bristles: crown of the head blue: eyes bright red: mouth yellow: feelers tawny; third joint black; bristle black, shorter than the chest: abdomen golden green: legs pale yellow, long and slender, clothed with short black hairs; feet pitchy towards the tips: wings colourless; wing-ribs and poisers tawny; veins pitchy. Length of the body 2¼ lines; of the wings 5 lines.

a. New York. Presented by the Entomological Club.
b. New York. Presented by E. Doubleday, Esq.

Psilopus corculum, n. s., mas. *Viridis, capitis vertice cyaneo-purpureo, scutello cyaneo, abdominis basi purpureo-cyaneo apice cupreo-viridi, antennis nigris, femoribus viridibus, tibiis fulvis, tarsis piceis, alis limpidis, fusco bifasciatis.*

Body bright green, beset with black hairs and bristles: head bright bluish purple on the crown, clothed with white down in front, and with white hairs beneath: eyes red: mouth tawny: feelers black; bristle nearly as long as the chest: scutcheon blue; sides of the chest and breast covered with white bloom: abdomen bright purplish blue for half the length from the base, bright coppery green from thence to the tip: legs clothed with black hairs and

bristles; hips and thighs green; hips covered with a white bloom; thighs fringed with white hairs; shanks pale tawny; feet pitchy: wings colourless, with two brown bands which are joined together on the fore border, and extend thence to the tip of the wing but do not reach the hind border; wing-ribs pitchy; veins black; poisers pitchy, with yellow knobs. Length of the body $2\frac{1}{4}$ lines; of the wings 4 lines.

a. Brazil. Presented by J. P. George Smith, Esq.

PSILOPUS gemmifer, n. s., mas. *Viridis, cyaneo purpureoque varius, antennis nigris, pedibus flavis, alis limpidis, costa apicem versus nervisque transversis fusco-nebulosis.*

Body bright green, beset with black hairs and bristles: head covered in front with silvery down: eyes red: mouth tawny: feelers black, as long as the head and the chest, disk of the chest bluish green, tinged with purple; scutcheon purple; sides and breast covered with silvery bloom: abdomen slender; tip bluish purple; appendages dark tawny: legs yellow, beset with black hairs and bristles, which are most thick on the feet; four hinder hips green; thighs clothed with white hairs; feet towards the tips and hind feet pitchy: wings colourless, clouded with pale brown towards the tips of the fore borders and along the cross-veins; wing-ribs tawny; veins black; poisers tawny. Length of the body $2\frac{1}{2}$ lines; of the wings $5\frac{1}{2}$ lines.

a. Trenton Falls. Presented by E. Doubleday, Esq.

PSILOPUS chrysoprasi, n. s. *Aureo-viridis, capitis vertice purpureo-cyaneo, scutello abdominisque basi purpureis, abdominis segmentorum suturis æneo-purpureis, antennis nigris, pedibus piceis, femoribus viridibus, tibiis anterioribus tarsisque anticis fulvis, alis subcinereis.*

Body golden green, beset with black bristles: head purplish blue on the crown, slightly covered with white down in front: eyes bright red: mouth and feelers black: scutcheon purple: abdomen adorned with purple towards the base; sutures of the segments brassy purple: legs pitchy, thickly clothed with short black hairs; hips and thighs green; hips slightly covered with white bloom; thighs fringed with white hairs; fore shanks pale tawny; middle shanks and fore feet dark tawny: wings slightly gray; wing-ribs and poisers pitchy; veins black. Length of the body 2 lines; of the wings $4\frac{1}{2}$ lines.

a. West Indies. From Mr. Children's collection.

PSILOPUS amoris, n. s. *Purpureus, viridi varius, abdomine cyaneo-viridi, apice purpureo, antennis nigris, pedibus fulvis, tarsis piceis, alis limpidis fusco bifasciatis.*

Body beset with black bristles: head green, purple on the crown, covered with white down in front: eyes red: mouth tawny: feelers black; bristle shorter than the chest: chest purple; sides and breast green, slightly covered with white bloom: abdomen bright bluish green, with a white bloom beneath, tinged with purple beneath, and at the tip: legs pale tawny, clothed with very short black hairs; four hinder hips green, covered with white bloom; shanks rather darker than the thighs; feet pitchy: wings colourless, adorned with two brown bands, which accompany the cross-veins, but do not reach the hind border, they are joined together in the fore border, and extend thence to the tip; wing-ribs tawny; veins black; poisers yellow. Length of the body 1½ line; of the wings 3 lines.

a. Brazil.

PSILOPUS gemmatus, n. s. *Cyaneo-viridis, abdomine aureo-viridis basi cyaneo-viridi, antennis nigris, pedibus flavis, alis subcinereis.*

Body bright bluish green, beset with black bristles: head covered in front with white down: eyes bright red: mouth tawny: feelers black; bristle nearly as long as the chest: breast and sides of the chest covered with whitish bloom: abdomen golden green, bluish green at the base: legs pale yellow, clothed with very short black bristles; feet darker, pitchy towards the tips: wings slightly gray; wing-ribs and poisers tawny; veins black; curve of the tip cross-vein unusually slight. Length of the body 2 lines; of the wings 4½ lines.

a. New Zealand. Presented by Dr. Sinclair.

PSILOPUS metallifer, n. s. *Viridis, capitis vertice purpureo-cyaneo, abdomine cupreo fasciis nigris, antennis pedibusque nigris, femoribus viridibus, alis subcinereis.*

Body bright green, beset with black bristles: head mostly purplish blue on the crown, clothed in front with white down: eyes bright red: mouth dark tawny: feelers black; bristle nearly as long as the chest: breast and sides of the chest covered with white bloom: abdominal segments bright copper-colour on the disks, adorned with broad black bands at the base: legs black, clothed with short black hairs and bristles; hips and thighs green; hips covered with white bloom; thighs fringed with white hairs: wings

slightly gray; wing-ribs and veins black; poisers dark tawny. Length of the body $2\frac{1}{4}$ lines; of the wings $4\frac{1}{2}$ lines.

a. ——— ? From Mr. Children's collection.

PSILOPUS pretiosus, n. s. *Viridis, capite cupreo purpureoque vario, thoracis disco purpureo, abdomine nigro-cupreo, vittis viridi-æneis, antennis nigris, pedibus fulvis, femoribus piceis, alis limpidis, fusco bifasciatis.*

Body beset with black bristles: head coppery green, bluish purple on the crown and towards the mouth: eyes bright red: mouth pitchy: feelers black: chest green, purple on the disk; sides and breast covered with whitish bloom: abdomen coppery black; hind borders of the segments brassy green: legs dark tawny, clothed with short black hairs; hips and thighs pitchy; hips covered with white bloom; thighs clothed with a few whitish hairs; feet pitchy towards the tips: wings slightly gray; fore border from one-third of the length till near the tip adorned with a broad brown stripe, from whence proceed two broad bands which do not reach the hind border; wing-ribs and poisers pitchy; veins black. Length of the body $2\frac{1}{4}$ lines; of the wings $4\frac{1}{2}$ lines.

a. Brazil.

PSILOPUS suavium, n. s. *Viridis, capitis vertice cyaneo-purpureo, abdomine apicem versus purpureo, antennis pedibusque nigris, femoribus viridibus, alis limpidis fusco bifasciatis.*

Body bright green, beset with black bristles: head bluish purple on the crown, clothed with white down in front: eyes red: mouth pitchy: feelers black; bristle nearly as long as the chest: breast and sides of the chest covered with a white bloom: abdomen purple towards the tip: legs black, beset with black hairs and bristles; hips and thighs green; hips covered with a white bloom; thighs clothed with white hairs: wings colourless, adorned with two brown bands, which are joined together on the fore border and more slightly on the disk, but do not reach the hind border nor the tip; veins black; wing-ribs and poisers pitchy. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

a. Jamaica. From Mr. Gosse's collection.

PSILOPUS amatus, n. s., mas. et fem. *Viridis, capite purpureo, abdomine nigro-fasciato apice purpureo, antennis nigris, pedibus piceis, femoribus viridibus, alis subcinereis, costa apicem versus nervisque transversis fusco nebulosis.*

Body bright green, beset with black hairs and bristles: head purple, covered in front with white down; crown of the male

adorned with a green spot on each side: eyes red: mouth and feelers black; bristle a little shorter than the chest: hind part of the chest tinged with blue and purple; sides and breast covered with white down: abdomen at the tip purple in the male, bluish purple in the female; hind borders of the segments in the male adorned with black bands: legs pitchy, beset with black hairs and bristles; hips and thighs green, the former covered with white down: wings slightly gray, indistinctly marked with brown towards the tips of the fore borders and along the cross-veins; wing-ribs pitchy; veins black; poisers of the male pitchy, of the female tawny. Length of the body $1\frac{1}{2}$—$1\frac{3}{4}$ line; of the wings $3\frac{3}{4}$—4 lines.

a. New York. Presented by E. Doubleday, Esq.
b. Trenton Falls. Presented by E. Doubleday, Esq.

Psilopus quadricolor, n. s. *Viridis, capitis vertice abdominisque basi purpureo-cyaneis, thorace purpureo, antice aureo-viridi, abdominis fasciis nigro-æneis, antennis piceis, femoribus viridibus, tibiis fulvis, tarsis piceis, alis limpidis fusco bifasciatis.*

Body beset with black hairs and bristles: head bright green, purplish blue on the crown, clothed with white down in front: eyes red: mouth pitchy: feelers pitchy; bristle as long as the chest: chest purple, golden green in front; sides and breast covered with white bloom: abdomen bright green, bluish purple towards the base; bronze-black bands occupy the fore borders of the segments and successively increase in breadth, especially on each side from the base to the tip of the abdomen: legs beset with black hairs and bristles; hips and thighs green; shanks tawny; feet pitchy: wings colourless, adorned with two brown bands which are joined together on the fore border, but do not reach the hind border nor the tip of the wing, the second is broader than the first; wing-ribs pitchy; veins black; poisers tawny. Length of the body $1\frac{3}{4}$ line; of the wings $3\frac{1}{2}$ lines.

a. Brazil.

Psilopus inficitus, n. s. *Viridis, capite purpureo, abdomine purpureo, abdomine purpureo-cyaneo, fasciis nigris, antennis pedibusque nigris, alis subcinereis fusco bifasciatis.*

Head and chest beset with black bristles: head purple, fringed about the mouth with hoary hairs: eyes red: mouth and feelers black; bristle a little longer than the chest: chest green; sides and breast covered with whitish down: abdomen deep purplish blue; sutures of the segments black: legs black, clothed with black hairs

and bristles: wings slightly gray, adorned with two brown bands, which are united on the fore border, but do not reach the hind border; wing-ribs and veins black; poisers pitchy, with tawny knobs. Length of the body 2½ lines; of the wings 5 lines.

a. Mexico. Presented by E. P. Coffin, Esq.

PSILOPUS trigemmans, n. s., mas. *Cyaneo-viridis, capite cyaneo-purpureo, abdomine fulvo, apice viridi-æneo, antennis fulvis, articulo 3º nigro, pedibus fulvis, alis limpidis.*

Body beset with black bristles: head bluish purple, covered with white down: eyes bright red: mouth tawny: feelers black; first and second joints tawny; bristle a little shorter than the chest; chest bluish green; hind part blue; sides and breast covered with white down: abdomen bright brassy green, tawny for more than half the length from the base; appendages tawny: legs pale tawny, clothed with very short black hairs; feet somewhat darker; wings colourless, very indistinct; wing-ribs and poisers tawny; veins brown. Length of the body 1¾ line; of the wings 3½ lines.

a. ——— ?

PSILOPUS nigrofemoratus, *MSS.* *Cyaneo- aut aureo-viridis, antennis nigris capite duplo longioribus, pedibus nigris tibiis fulvis, alis limpidis.*

Head and chest bright bluish green, armed with black bristles: head covered in front with white down, clothed beneath with white hairs: eyes red: mouth tawny: feelers black, about twice the length of the head: breast and underside of the abdomen covered with white bloom: abdomen golden green, blue at the base, coppery at the tip: legs black, beset with a few black bristles; shanks tawny, with black tips: wings colourless: wing-ribs tawny; veins black; poisers yellow. Length of the body 1¼ line; of the wings 2½ lines.

Var. *β.* Chest golden green, bluish green behind: abdomen coppery green: tips of the thighs and the whole of the shanks tawny.

Var. *γ.* Abdomen bright green or bluish green; a bronze band on the fore border of each segment.

a. North America. Presented by the Entomological Club.
b. Nova Scotia. From Lieut. Redman's collection.

Psilopus albicoxa, *MSS.*, mas. et fem. *Cyaneo- aut cupreo-viridis, antennis nigris capite duplo longioribus, pedibus flavis, tarsis posticis nigris, alis subcinereis.*

Head and chest armed with black bristles: head bluish green, covered in front with white down, clothed beneath with white hairs: eyes red: mouth tawny: feelers black, about twice the length of the head: palpi black: chest of the male bluish green, sometimes black towards the tip, of the female bright green or coppery green; sutures of the segments sometimes black: breast and underside of the abdomen covered with white down: legs yellow, adorned with rows of minute spines, clothed with a few white hairs, and beset with a few black bristles; four hinder hips green; tips of feet black; hind feet black; first joint brownish: wings slightly gray; wing-ribs tawny; veins black; poisers yellow. Length of the body $1\frac{1}{4}$ line; of the wings $2\frac{1}{2}$ lines.

a. North America. Presented by the Entomological Club.
b. Ohio. Presented by the Entomological Club.
c. Massachusetts. From Prof. Sheppard's collection.
d. Nova Scotia. From Lieut. Redman's collection.

Chrysotus, *Meigen.*

Chrysotus neglectus, *Meig. Dipt.* iv. 41, 1, *pl*, 35, *f.* 10. *Macq. Dipt. Nord.* 19, 1. *Hist. Nat. Dipt.* i. 446, 1, *pl.* 10, *f.* 21. *Zett. Ins. Lapp.* 795, 1. Dolichopus neglectus, *Wied. Zool. Mag.* i. 74, 22. D. viridulus, *Fall. Dolich.* 18, 23.
a. England. Presented by F. Walker, Esq.

Chrysotus copiosus, *Meig. Dipt.* iv. 41, 2. *Macq. Hist. Nat. Dipt.* i. 446, 2.
a. England. Presented by F. Walker, Esq.

Chrysotus cilipes, *Meig. Dipt.* iv. 41, 3.
a. England.

Chrysotus femoralis, *Megerle*, *Meig. Dipt.* iv. 42, 5. *Macq. Hist. Nat. Dipt.* i. 446, 3.
a. England. Presented by F. Walker, Esq.

Chrysotus incertus, n. s. *Viridis, antennis nigris, femoribus viridibus, tibiis fulvis, apice tarsisque obscurioribus, alis limpidis.*

Allied to *C. femoralis.* Body green, beset with black hairs and bristles: eyes red: mouth and feelers black: hips and thighs

green; shanks tawny; feet and tips of shanks dark tawny: wings colourless; wing-ribs pitchy; veins black; poisers tawny.

a. United States. Presented by the Entomological Club.

Chrysotus nigripes, *Meig. Dipt.* iv. 42, 6. *Macq. Hist. Nat. Dipt.* i. 447, 4. Musca nigripes, *Fabr. Ent. Syst.* iv. 341, 122. Dolichopus nigripes, *Fabr. Syst. Antl.* 269, 12. D. gramineus? *Fall. Dolich.* 19, 24. Chrysotus gramineus? *Zett. Ins. Lapp.* 705, 2.
a. England. Presented by F. Walker, Esq.
b. France.

Chrysotus læsus, *Meig. Dipt.* iv. 43, 7. *Macq. Hist. Nat. Dipt.* i. 447, 5. Dolichopus lætus, *Wied. Zool. Mag.* i. 75, 21.
a. England. Presented by F. Walker, Esq.

Chrysotus lætus, *Wied. Meig. Dipt.* iv. 43, 8.
a. England. Presented by F. Walker, Esq.

Porphyrops, *Meigen.*

Group I. *Haliday, Zool. Journ.* v. 354. Argyra, *Macquart.*

Porphyrops diaphanus, *Meig. Dipt.* iv. 46, 1, *pl.* 35, *f.* 5. P. versicolor, *Meig. Dipt.* iv. 50, 9, fem. P. leucocephalus? *Meig. Dipt.* iv. 49, 8, fem.? vi. 362. *Zett. Ins. Lapp.* 712, 17. Musca diaphana, *Fabr. Sp. Ins.* ii. 448, 70. *Ent. Syst. Suppl.* 564, 126. *Gmel. Ed. Syst. Nat.* v. 2852, 229. M. ludens? *Harr. Ex.* 157, *pl.* 47, *f.* 3. Dolichopus diaphanus, *Fabr. Syst. Antl.* 270, 18. *Fall. Dolich.* 16, 19. *Zett. Ins. Lapp.* 712, 17. Argyra diaphana, *Macq. Hist. Nat. Dipt.* i. 456, 1, *pl.* 10, *f.* 25.
a. England.
b. France.
c. ———? From Mr. Children's collection.

Porphyrops argyrius, *Meig. Dipt.* iv. 46, 2. Argyra argentata, *Macq. Hist. Nat. Dipt.* i. 457, 2.
a. England. Presented by F. Walker, Esq.
b. France.

Porphyrops argentinus, *Meig. Dipt.* iv. 47, 3.
a. England.
b. England. Presented by F. Walker, Esq.

PORPHYROPS aulicus, *Meig. Dipt.* iv. 48, 6.
a. England.
b. ———?

PORPHYROPS chetifer, *Haliday's MSS. Viridis, thoracis vittis abdominisque segmentorum suturis æneis, antennis nigris, pedibus fulvis, tarsis posticis nigris, tarsis anticis* mari. *apice nigris latioribus, alis subfulvis.*

Body green, beset with black bristles: head covered in front with white down: eyes bright red: mouth tawny: feelers black; bristle more than twice the length of all the preceding joints: chest adorned with indistinct brassy stripes, slightly covered with white bloom, which is more thick on the breast: abdomen covered with a slight white bloom; sutures of the segments brassy: legs tawny, clothed with very short black hairs, beset with black bristles; shanks rather darker than the thighs; feet of the male dark tawny; middle feet paler at the base; fore feet pale tawny, their tips black, slightly widened; feet of the female darker than the shanks, hind feet black: wings with a slight tawny tinge; wing-ribs and poisers tawny; veins brown, tawny towards the base. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. England.

PORPHYROPS pilosicornis, *Barnston's MSS. Æneo-viridis, antennis nigris, pedibus fulvis, tarsis piceis, femoribus posticis apice fusco-maculatis, alis limpidis.*

Body brassy green, beset with black bristles: eyes dark red: mouth dark tawny: feelers black; bristle downy, proceeding from the base of the third joint and more than twice its length: breast and sides of the chest covered with a white bloom, which appears also on the chest, but is there very slight: legs tawny, clothed with short black hairs, beset with a few black bristles; feet pitchy; a small brown mark on the tip of each hind thigh; fore hips at the base and the other hips green and covered with white bloom: wings colourless; wing-ribs tawny; veins black; poisers yellow. Length of the body $1\frac{1}{4}$ line; of the wings $2\frac{1}{2}$ lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Group II. *Haliday, Zool. Journ.* v. 355.

PORPHYROPS annulipes, *Meig. Dipt.* iv. 56, 25.
a. England.

Group III. Plectropus, *Haliday, Zool. Journ.* v. 353.

PORPHYROPS pallipes, *Meig. Dipt.* iv. 55, 23. Musca pallipes, *Fabr. Ent. Syst.* iv. 340, 116. Dolichopus pallipes, *Fabr. Syst. Antl.* 266, 2.
a. England.

MEDETERUS, *Fischer.*

Group I. *Haliday, Zool. Journ.* v. 355.

MEDETERUS regius, *Meig. Dipt.* iv. 60, 1. *Macq. Hist. Nat. Dipt.* i. 451, 1, *pl.* 10, *f.* 24. Dolichopus regius, *Fabr. Syst. Antl.* 267, 5. *Latr. Gen. Crust.* iv. 292. D. virens, *Lam. Anim. sans Verteb.* iii. 425, 4. Musca virens, *Panz. Faun. Germ.* 54, 16. Hydrophorus regius, *Fall. Dolich.* 2, 1. *Zett. Ins. Lapp.* 700, 1.
a. England.

MEDETERUS viridis, *Meig. Dipt.* iv. 60, 2.
a. England.

MEDETERUS rostratus? *Meig. Dipt.* iv. 61, 3. *Macq. Hist. Nat. Dipt.* ii. 452, 2. Musca rostrata, *Fabr. Sp. Ins.* ii. 448, 68. *Ent. Syst.* iv. 342, 125. *Gmel. Ed. Syst. Nat.* v. 2582, 227. Dolichopus rostratus, *Fabr. Syst. Antl.* 269, 15. *Latr. Gen. Crust.* iv. 293. Medetera, *Fischer, Prog. Mosk.* 1819.
a. England.

MEDETERUS Carmichaelii, *Leach, MSS. Æneo-viridis, aureo suffusus, thorace vittato, antennis pedibusque nigris, femoribus viridibus, alis albo-fulvis.*

Body brassy green, covered with golden bloom, which is arranged in stripes on the chest: eyes dark red: feelers and mouth black: chest beset with a few black bristles: legs black, covered with tawny down; thighs bright green: wings pale tawny, white at the base and on the disks of the veins; wing-ribs and veins tawny, the latter pitchy towards the tips; poisers tawny. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Tristram da Cunha. From Dr. Leach's collection.

MEDETERUS Tristramensis, *Leach, MSS. Fulvo-cinereus, antennis pedibusque nigris, alis subcinereis.*

Body gray, with a slight tawny tinge: eyes brassy: mouth and feelers black: legs green, beset with a few short black bristles, co-

vered with pale tawny down; feet black: wings slightly gray; wing-ribs pitchy; veins black; poisers ferruginous. Length of the body 2½ lines; of the wings 6½ lines.

a. Tristram da Cunha. (See Linn. Trans. xii.) From Dr. Leach's collection.

MEDETERUS glaber, *Barnston's MSS. Viridis, thoracis disco nigro-æneo, abdomine æneo-viridi, antennis nigris, pedibus viridibus, tarsis nigris, alis cinereis fusco bimaculatis.*

Body green: head and chest beset with a few black hairs: head covered with white bloom in the male, with golden bloom in the female: eyes red: mouth and feelers black: disk of the chest bronze-black; sides covered with tawny bloom; breast covered with white bloom: abdomen brassy green, covered above with short tawny hairs; underside covered with white bloom: legs bright green, rather stout, clothed with short black hairs and bristles; hips covered with white bloom; feet black: wings gray; each with two small brown spots, one on the cross-vein, the other on the fourth longitudinal vein, a little before half the distance between the cross-vein and the tip of the wing; wing-ribs pitchy; veins black; poisers tawny. Length of the body 1¾ line; of the wings 5 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

MEDETERUS chrysologus, *Barnston's MSS.*, fem. *Nigro-æneus, antennis nigris, pedibus viridibus, tarsis nigris, alis cinereis, fusco bimaculatis ad costam subfuscis.*

Body brassy black: head covered with golden bloom, which is paler and brighter towards the mouth: eyes dark red, covered with white down: mouth and feelers black: sides of the chest covered with tawny bloom: breast and underside of the abdomen adorned with white bloom; a row of black punctures on each side of the abdomen, as in other species: legs green, clothed with black hairs and bristles; hips and thighs covered with white bloom; feet black: wings gray, brown along the fore borders; each with two darker brown spots like those of *M. glaber*, but larger and more distinct; wing-ribs tawny; veins black; poisers pitchy. Length of the body 1¼ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

MEDETERUS alboflorens, n. s., fem. *Æneus fulvo pubescens subtus albus, abdomine cupreo-viridi, antennis nigris, pedibus viridibus, tarsis piceis, alis cinereis fusco subvittatis.*

Head and chest bronzed, beset with a few black bristles, thickly covered with tawny bloom: eyes dark red, covered with white down: mouth and feelers black: abdomen rather light green, mingled with copper-colour, thinly clothed with short black hairs, not longer than the chest: hind chest, breast, and underside of the abdomen covered with white bloom: legs long, slender, green, slightly covered with tawny bloom, beset with short black hairs and bristles; feet pitchy towards the tips; claws black; foot-cushions pale yellow: wings gray, very slightly clouded with brown along the borders of the veins; wing-ribs pitchy; veins black; poisers tawny, pitchy, and covered with white bloom towards the tips. Length of the body $1\frac{1}{3}$—$1\frac{2}{3}$ line; of the wings 4—$4\frac{1}{2}$ lines.

a. Nova Scotia. From Lieut. Redman's collection.

MEDETERUS notatus, *Meig. Dipt.* iv. 62, 6. *Curt. Brit. Ent. pl.* 162. *Guér. Icon. Regn. Anim. Ins. pl.* 96, *f.* 5. *Macq. Hist. Nat. Dipt.* i. 452, 2. Musca notata, *Fabr. Sp. Ins.* ii. 448, 65. *Ent. Syst.* iv. 341, 120. *Gmel. Ed. Syst. Nat.* v. 2851, 225. Dolichopus notatus, *Fabr. Syst. Antl.* 269, 10. Hydrophorus armiger, *Fall. Dolich.* 4, 5. H. notatus, *Zett. Ins. Lapp.* 701, 4.

a. England. Presented by F. Walker, Esq.

MEDETERUS bipunctatus, *Wied. Meig. Dipt.* iv. 637. *Macq. Hist. Nat. Dipt.* i. 453, 6.

a. England.

MEDETERUS præcox, *Wied. Meig. Dipt.* iv. 64, 8. *Hal. Zool. Journ.* v. 357, 8.

a. England.

MEDETERUS curvipes, *Meig. Dipt.* iv. 65, 10. *Hal. Zool. Journ.* v. 357, 10. *Macq. Hist. Nat. Dipt.* i. 453, 8. Dolichopus curvipes, *Fall. Dolich.* 20, 27. *Zett. Ins. Lapp.* 713, 22.

a. England.

MEDETERUS loripes, *Hal. Zool. Journ.* v. 357, 11.

a. England. Presented by F. Walker, Esq.

MEDETERUS truncorum, *Winth. Meig. Dipt.* iv. 67, 15. Hydrophorus truncorum, *Zett. Ins. Lapp.* 702, 8.

a. England.

Group II. Camptosceles, *Haliday*, *Zool. Journ.* v. 357.

MEDETERUS Scambus, *Meig. Dipt.* iv. 68, 18. *Hal. Zool. Journ.* v. 357, 9. *Macq. Hist. Nat. Dipt.* i. 454, 9. M. prodromus, *Meig. Dipt.* iv. 64, 9, fem. *Hal. Zool. Journ.* v. 358, 12. Dolichopus Scambus, *Fall. Dolich.* 19, 26. *Zett. Ins. Lapp.* 713, 21.
a. England.

Group III. Hydrophorus, *Fallen.*

MEDETERUS nebulosus, *Meig. Dipt.* iv. 68, 19. Hydrophorus nebulosus, *Fall. Dolich.* 3, 4. *Macq. Dipt. Nord.* 38, 3. *Hist. Nat. Dipt.* i. 445, 3. *Zett. Ins. Lapp.* 701, 5.
a. England. Presented by F. Walker, Esq.

SYBISTROMA, *Megerle.*

SYBISTROMA patellipes, *Meig. Dipt.* iv. 72, 2.
a. England.

DOLICHOPUS, *Latreille.*

DOLICHOPUS nobilitatus, *Fabr. Syst. Antl.* 268, 6. *Latr. Gen. Crust.* iv. 292. *Fall. Dolich.* 13, 12. *Meig. Dipt.* iv. 75, 1. *Macq. Dipt. Nord.* 59, 1. *Hist. Nat. Dipt.* i. 459, 1. *Ann. Soc. Ent. 2me. série* ii. 186, *pl.* 5, *f.* 39, 40. *Stæger*, *Kroyer*, *Tidskrift.* iv. 37, 30. *Stann. Isis.* 1831, 140, 34. Musca nobilitata, *Linn. Syst. Nat.* ii. 995. *Turt.* iii. 613. *Gmel. Ed. Syst. Nat.* v. 2851, 98. *Fabr. Sp. Ins.* ii. 447, 63. *Ent. Syst.* iv. 340, 118. Musca, &c., *Geoff. Ins.* ii. 523, 55. Rhagio nobilitatus, *Schrank*, *Faun. Boic.* iii. 100, 2397. Musca joco, *Harr. Ex.* 157, *pl.* 47, *f.* 1.
a. England.
b. France.

DOLICHOPUS atratus, *Hoffmansegg*, *Meig. Dipt.* iv. 76, 3. *Hal. Zool. Journ.* v. 360, 7. *Macq. Dipt. Nord.* 69, 3. *Hist. Nat. Dipt.* i. 461, 11. *Zett. Ins. Lapp.* 710, 10.
a. Hammerfest, Finmark. Presented by F. Walker, Esq.

Dolichopus chalybeus, *Wied. Zool. Mag.* i. 72, 18. *Meig. Dipt.* iv. 79, 10.? *Macq. Hist. Nat. Dipt.* i. 462, 13.? *Ann. Soc. Ent. France*, 2*me série*. ii. 186, *pl.* 5, *f.* 41, 42.? *Stann. Isis.* 1831, 142, 35. *Stæger*, *Kroyer*, *Tids.* iv. 37, 31. "Non *Meig. Macq. Conf.* D. ungulatus, var. β." *Stæger*, *Kroyer*, *Tids.* iv. 33, 37.

a. England.
b. France.

Dolichopus nitidus, *Fall. Dolich.* 12, 9. *Meig. Dipt.* iv. 80, 12. *Macq. Ann. Soc. Ent. France*, 2*me série*, ii. 185, *pl.* 4, *f.* 5, 6. *Stæger*, *Kroyer*, *Tids.* iv. 15, 4. D. nitens, *Stann. Isis.* 1381, 48, 3.

a. Isle of Soröe, Finmark. Presented by F. Walker, Esq.
b. Alten, Finmark. Presented by F. Walker, Esq.
c. Hammerfest, Finmark. Presented by F. Walker, Esq.

Dolichopus ungulatus, *Fabr. Syst. Antl.* 266, 3. *Latr. Gen. Crust.* iv. 292. *Cons. Gén.* 443. *Lam. Anim. sans Verteb.* iii. 425, 2. *Fall. Dolich.* 9, 2. *Meig. Dipt.* iv. 80, 13. *Guér. Icon. Regn. Anim. Ins. pl.* 96, *f.* 4. *Macq. Dipt. Nord.* 62, 8, *pl.* 1, *f.* 7. *Hist. Nat. Dipt.* i. 462, 15, *pl.* 10, *f.* 27. *Hal. Zool. Journ.* v. 359, 2. *Zett. Ins. Lapp.* 708, 2. *Stann. Isis.* 1831, 130, 25. *Stæger*, *Kroyer*, *Tids.* iv. 33, 25. D. chalybeus? *Meig. Dipt.* iv. 79, 10. *Macq. Hist. Nat. Dipt.* i. 462, 13. xi. *Ann. Soc. Ent. France*, 2*me série*, ii. 186, *pl.* 5, *f.* 41, 42. Musca ungulata, *Linn. Faun. Suec.* 1858. *Gmel. Ed. Syst. Nat.* v. 2851, 97. *Fabr. Sp. Ins.* ii. 447, 62. *Ent. Syst.* iv. 340, 117. *Schrank*, *Ins. Austr.* 947. *Faun. Boic.* iii. 123, 2457. *Panz. Faun. Germ.* xx. 21. *Stew. El.* ii. 267. *Turt.* iii. 613. Musca, &c., *Geoff. Ins.* ii. 522, 54. Nemotelus æneus, *Deg. Ins.* vi. 78, 15, *pl.* 11, *f.* 14, 22.

a. England.
b. France.
c. ———? From Mr. Children's collection.
d. Alten, Finmark. Presented by F. Walker, Esq.
e. Hammerfest, Finmark. Presented by F. Walker, Esq.

Dolichopus nigricornis, *Meg. Meig. Dipt.* iv. 82, 14. *Macq. Hist. Nat. Dipt.* ii. 463, 19.

a. England.

Dolichopus plumitarsis, *Fall. Dolich.* 10, 4. *Meig. Dipt.* iv. 89, 26.

a. England.
b. France.

DOLICHOPUS pennitarsis, *Fall. Dolich.* 11, 6. *Meig. Dipt.* iv. 90, 29. *Hal. Zool. Journ.* v. 362, 15. *Macq. Dipt. Nord.* 69, 23. *Hist. Nat. Dipt.* i. 466, 34. *Zett. Ins. Lapp.* 709, 9. *Stann. Isis.* 1831, 63, 14. *Stæger, Kroyer, Tids.* iv. 25, 15.
a. England. Presented by F. Walker, Esq.
b. Hammerfest, Finmark. Presented by F. Walker, Esq.

DOLICHOPUS brevipennis, *Fall. Meig. Dipt.* iv. 89, 26. *Macq. Ann. Soc. Ent. France, 2me série*, ii. 185, *pl.* 4, *f.* 19, 20. *Zett. Ins. Lapp.* 709, 8. *Stann. Isis.* 1831, 60, 12. *Stæger, Kroyer, Tids.* iv. 23, 13. D. plumitarsis, *Fall. Dolich.* 10, 4, var. β.
a. England.

DOLICHOPUS popularis, *Hoffmansegg, Wied. Zool. Mag.* i. 70, 15. *Fall. Dolich.* 11, 7. *Meig. Dipt.* iv. 91, 30. *Macq. Dipt. Nord.* 70, 25. *Hist. Nat. Dipt.* i. 466, 35. *Ann. Soc. Ent. France, 2me série*, ii. 185, *pl.* 5, *f.* 29, 30. *Stann. Isis.* 1831, 66, 16. *Stæger, Kroyer, Tids.* iv. 26, 17.
a. England.

DOLICHOPUS inquinatus, *Hal. Zool. Journ.* v.
a. England.

DOLICHOPUS plebeius, *Meig. Dipt.* iv. 99, 44. *Zett. Ins. Lapp.* 710, 11.
a. England.

DOLICHOPUS affinis, *Haliday's MSS.*, mas. et fem. *Cyaneo- aut cupreo-viridis, antennis nigris, pedibus flavis, femoribus posticis tarsisque fulvis, tarsis anticis*, mari. *apice nigris dilatatis, tarsis posticis nigris, alis limpidis.*

Male.—Head and chest green, armed with stout black bristles: head fringed behind with pale tawny hairs, covered in front and beneath with white bloom: eyes red, covered with white down: feelers black: chest bluish green on the disk: abdomen coppery green, clothed with short black hairs, covered with white bloom beneath and on each side, where there is a row of black punctures: appendages pale yellow: legs yellow, clothed with short black hairs; four hinder hips green; hind thighs tawny, furnished with a few tawny hairs; shanks and feet armed with black bristles; feet tawny, darker towards the tips; hind feet black; tips of fore feet black, widened: wings colourless; wing-ribs and poisers yellow; veins pitchy. *Fem.*—Body coppery green: legs tawny; shanks darker

than the thighs; hind feet pitchy. Length of the body 2—2½ lines; of the wings 4—5 lines.

a. Nova Scotia. From Lieut. Redman's collection.

DOLICHOPUS cuprinus? *Wied. Auss. Zweif.* ii. 230, 1. D. cupreus? *Say, Journ. Acad. Philad.* iii. 8, 6. *Aureo-viridis, thorace vittis tribus cupreis, antennis fulvis apice fuscis, pedibus flavis, tarsis apice nigris, anticis apice nigro-fasciculatis, alis subcinereis.*

Body green, covered above with golden down, beneath with white down: head and chest armed with stout black bristles: hind part of the head fringed with white hairs: eyes red: mouth yellow: feelers tawny, covered with short black hairs; their tips brown; bristle pubescent, pitchy, longer than the rest of the feelers: chest adorned with three coppery stripes: abdomen golden green, clothed with short black hairs, white beneath and on each side, where it has a row of black punctures; appendages yellow: legs yellow, clothed with black hairs; four hinder hips green; feet towards the base and shanks armed with black bristles; four hinder feet black towards the tips; tips of fore feet adorned with tufts of black hairs: wings slightly gray; wing-ribs tawny; veins pitchy; poisers yellow. Length of the body 2½ lines; of the wings 5 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

DOLICHOPUS lamellipes, *Barnston's MSS.*, mas. et fem. *Viridis aut viridi-cupreus, abdomine subtus albo pubescente, antennis nigris basi rufis, articulo* 3° mari. *longo, pedibus fulvis, tarsis nigris, intermediis basi fulvis anticis* mari. *apice dilatatis, alis limpidis.*

Body green: head and chest armed with black bristles: head covered with silvery down, fringed behind with black hairs: eyes red: mouth tawny: feelers black; first joint pale red; third joint very long: abdomen clothed with black hairs, adorned with a coppery tinge towards the tip, which is black, covered with white bloom beneath and on each side, where there is a row of black punctures: legs pale tawny, four hinder hips green, clothed with black hairs and bristles; feet black; tips of fore feet widened; middle feet tawny towards the base: wings colourless; wing-ribs tawny; veins pitchy; poisers pale tawny. *Fem.*—Third joint of the feelers short, nearly round. Length of the body 2½—3 lines; of the wings 5 lines.

Var. β. Chest and abdomen coppery.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Dolichopus ciliatus, *Barnston's MSS.*, mas. et fem. *Viridis, capitis fronte aureo-pubescente, antennis fulvis, articulo 3º supra nigro, pedibus fulvis, tarsis piceis, alis subcinereis.*

Body green: head covered in front with golden down: eyes red: mouth black: feelers tawny; third joint nearly oval, black, from near the base to the tip above, and from half its length to the tip beneath; bristle black: breast and sides of the chest and of the abdomen covered with white bloom; appendages of the abdomen tawny; scales white: legs tawny; feet pitchy; fore feet dark tawny: wings slightly gray; wing-ribs tawny; veins black; poisers yellow. Length of the body $1\frac{1}{2}$—$1\frac{3}{4}$ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Dolichopus adjacens, n. s., fem. *Æneus viridi varius, capite cyaneo-viridi, antennis nigris, pedibus fulvis, tarsis posticis piceis, alis subcinereis.*

Head bluish green on the crown, covered in front with yellowish white down, fringed along the eyes with hoary hairs: eyes red: mouth pitchy; palpi tawny: feelers black; third joint very short: chest and abdomen brassy, mingled with green: breast and sides of the chest covered with gray bloom, which also appears beneath the abdomen, but is more slight: legs tawny; hips green, covered with gray bloom; fore hips mostly tawny; feet darker than the shanks, especially towards the tips; hind feet pitchy: wings slightly gray; wing-ribs and poisers tawny; veins black. Length of the body 3 lines; of the wings 6 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Dolichopus coercens, n. s., mas. *Viridis, capite cyaneo-viridi, thoracis lateribus cupreo et cyaneo ornatis, abdomine cupreo vario, apice nigro, antennis nigris, pedibus fulvis, alis limpidis.*

Head bluish green, covered in front with pale tawny down, fringed along the eyes with white hairs: eyes bright red: mouth pitchy: feelers black; third joint very short: chest green, slightly tinged on each side with blue and copper-colour; disk sometimes bluish green: breast covered with hoary down: abdomen green, with a coppery tinge here and there; tip black; appendages pale tawny; scales white, bordered with black: legs tawny; hips towards the base green, and covered with a white bloom; shanks beset with black bristles; feet pitchy towards the tips; fore feet slender, pale tawny, their tips black, and much widened: wings co-

lourless; wing-ribs and poisers tawny; veins black. Length of the body 3 lines; of the wings $5\frac{1}{2}$ lines.

a. New York. Presented by the Entomological Club.

Dolichopus finitus, n. s., mas. *Viridis, thoracis lateribus abdomineque cupreo variis, hujus lateribus basi cyaneo-viridibus, antennis nigris, pedibus fulvis, tarsis apice nigris, tarsis anticis apice latis, tarsis posticis nigris, alis subcinereis.*

Body green: head covered in front with white down, fringed along the eyes with white hairs: eyes red: mouth pitchy; palpi tawny: feelers black; third joint rather large: chest with a slight coppery tinge on each side, which, like the breast, is slightly covered with hoary bloom: abdomen tinged with coppery colour, and with a slight blue hue on each side towards the base; appendages at the tip tawny; scales white, bordered with black: legs tawny; middle feet towards the tips, and hind feet, excepting the base, black; tips of fore feet black, and somewhat widened: wings slightly gray; wing-ribs and poisers tawny; veins pitchy. *Fem.*—Feet black, tawny at the base. Length of the body 3 lines; of the wings 5 lines.

a. New York. Presented by the Entomological Club.

Dolichopus distractus, n. s. *Viridis, abdomine cupreo, antennis nigris, articulo 1° subtus fulvo, pedibus fulvis, tarsis apice piceis, alis subcinereis.*

Body green: head covered in front with white down, clothed on each side of the eyes with white hairs: eyes bright red: feelers black; first joint tawny beneath; third joint short and broad: abdomen copper-coloured: legs tawny; feet pitchy towards the tips: wings slightly gray; wing-ribs and poisers tawny; veins black. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

a. New York. Presented by E. Doubleday, Esq.

Dolichopus discessus, n. s., fem. *Cyaneo-viridis, thorace cupreo bivittato, abdomine æneo-viridi, antennis pedibusque fulvis, tarsis posticis piceis, alis subcinereis.*

Body bluish green: head covered in front with white down: eyes bright red: mouth and feelers tawny; bristle black: chest adorned with two bright copper-coloured stripes; sides and breast covered with white bloom: abdomen green, brassy here and there, especially towards the tip; sides and underside covered with white down: legs tawny; tips of feet and hind feet, except the base,

pitchy: wings slightly gray; wing-ribs and poisers tawny; veins black. Length of the body $2\frac{1}{2}$ lines; of the wings $5\frac{1}{2}$ lines.

a. Massachusetts. From Prof. Sheppard's collection.

DOLICHOPUS contiguus, n. s., mas. *Aureo-viridis, thorace viridi-cyaneo, lateribus purpureo variis, abdomine cyaneo et cupreo vario, antennis nigris, pedibus fulvis tarsis anticis apice nigris latis, tarsis mediis piceis basi fulvis, tarsis posticis nigris, alis limpidis.*

Head golden green, covered in front with pale tawny down: eyes bright red: feelers black; third joint oval: chest greenish blue, with a slight purple tinge on each side: abdomen golden green, slightly bluish and coppery here and there: breast and underside of the abdomen covered with hoary bloom; tip black; appendages tawny; scales whitish: legs tawny; four hinder hips mostly green, and tinged with hoary bloom; tips of fore feet black, much widened; middle feet pitchy, tawny at the base; hind feet black: wings colourless; wing-ribs and poisers tawny; veins pitchy, tawny towards the base. Length of the body 2 lines; of the wings 4 lines.

a. New York. Presented by the Entomological Club.

DOLICHOPUS exclusus, n. s., fem. *Cupreus, nonnunquam viridi varius, abdomine purpureo-cupreo, antennis nigris, articulo 1° subtus fulvo, pedibus fulvis, tarsis nigris, alis subcinereis.*

Body coppery, sometimes varied with green: head covered in front with white bloom: eyes red: mouth pitchy; palpi tawny: feelers black; first joint tawny beneath; third joint oval, as long as the first and the second: breast covered with gray bloom: abdomen purplish copper-colour, covered beneath with gray bloom: legs tawny; hips coppery; fore hips mostly tawny; feet black: wings slightly gray; wing-ribs tawny; veins black; poisers pale tawny. Length of the body 2 lines; of the wings $4\frac{1}{2}$ lines.

c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

DOLICHOPUS directus, n. s., fem. *Cyaneo-viridis, abdomine æneo-viridi, antennis fulvis, articulo 3° nigro, pedibus fulvis, tibiis apice tarsisque piceis, alis subcinereis.*

Body bluish green, thickly covered with tawny bloom, beset with black hairs and bristles: eyes red, fringed on each side with white hairs: mouth dark tawny: feelers tawny; third joint black; bristle black, as long as the head: disk of the chest shining: breast

covered with white bloom: abdomen brassy green, covered beneath with white bloom: legs pale tawny, clothed with short black hairs and with a few black bristles; middle hips partly green; tips of shanks pitchy; feet pitchy, pale at the base: wings slightly gray; wing-ribs pale tawny; veins pitchy; fourth longitudinal vein straight; poisers yellow, tawny towards the base. Length of the body 2¼ lines; of the wings 4½ lines.

a. Interior of South Africa. Presented by the Earl of Derby.

Dolichopus confinis, n. s., fem. *Æneus, viridi varius, capite viridi, antennis nigris, pedibus fulvis, tarsis piceis, tibiis posticis apice tarsisque posticis nigris, alis cinereis.*

Body brassy, mingled here and there with green: head green, covered in front with white down, clothed along the sides of the eyes with white hairs: eyes red: mouth pitchy: feelers black; third joint nearly oval, rather short: breast covered with white bloom: legs tawny; feet pitchy, tawny towards the base; hind feet and tips of hind shanks black: wings gray; wing-ribs and poisers tawny; veins black. Length of the body 2 lines; of the wings 4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq

Dolichopus conterminus, n. s., mas. *Viridis, thoracis disco abdomineque aureo-viridibus, hujus apice æneo, antennis nigris, pedibus fulvis, tarsis anticis apice nigris latis, tarsis mediis apice posticisque piceis, alis limpidis,* fem. *tarsis piceis basi fulvis, tarsis posticis nigris.*

Body bright green: head covered with tawny down, fringed along the sides of the eyes with white hairs: eyes bright red, covered with white down: mouth pitchy; palpi tawny: feelers black; third joint rather large: abdomen and disk of the chest golden green: breast and sides of the chest covered with hoary bloom, which also slightly tinges the underside of the abdomen: tip of the abdomen brassy; appendages tawny; scales white, slightly bordered with black: legs pale bright tawny; four hind hips mostly green, and covered with a white bloom; thighs fringed with white hairs: fore feet slender, with black and much widened tips; middle feet pitchy towards the tips; hind feet pitchy: wings colourless; wing-ribs tawny; veins black; poisers pale tawny. *Fem.*—Feet pitchy, tawny towards the base; hind feet black. Length of the body 2 lines; of the wings 4 lines.

a. New York. Presented by E. Doubleday, Esq.
b. North America. Presented by the Entomological Club.

DOLICHOPUS separatus, n. s., fem. *Viridis, abdominis apice cupreo, antennis fulvis, articulo 3º apice nigro, pedibus fulvis, tarsis nigris, alis subcinereis.*

Body green: head covered in front with tawny down: eyes red: mouth pitchy; palpi tawny: feelers tawny; third joint oval, black towards the tip; bristle black: breast, sides of the chest and underside of the abdomen covered with white bloom: abdomen coppery towards the tip: legs tawny; four hind hips green, covered with white bloom; feet black: wings slightly gray; wing-ribs and poisers tawny; veins black. Length of the body 2 lines; of the wings 4 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

DOLICHOPUS terminatus, n. s., fem. *Aureo-viridis, capite cyaneo-viridi, abdomine cupreo basi viridi, antennis nigris, pedibus fulvis, tarsis piceis basi fulvis, alis subcinereis fusco subvittatis.*

Head bluish green, covered in front with golden down, fringed on each side with white hairs: eyes bright red: mouth pitchy; palpi tawny: feelers black; third joint nearly oval: chest golden green; sides and breast covered with hoary bloom, which also appears beneath the abdomen: abdomen copper-colour, green at the base: legs tawny; four hind hips green, covered with white bloom; feet pitchy, tawny towards the base: wings slightly gray, indistinctly tinged with brown along the borders of the veins; wing-ribs and poisers tawny; veins pitchy. Length of the body 2 lines; of the wings 4 lines.

a. North America. Presented by the Entomological Club.

DOLICHOPUS indirectus, n. s., fem. *Viridis, abdomine cyaneo-viridi, fasciis cupreo-viridibus, antennis fulvis, articulo 3º nigro, pedibus fulvis, tibiis apice tarsisque piceis, alis cinereis.*

Body green, beset with black hairs and bristles: head and disk of the chest covered with tawny bloom: head covered beneath with white bloom, fringed with white hairs along the sides of the eyes: eyes red: mouth black: feelers tawny; third joint black; bristle black, a little longer than all the other joints: breast covered with white bloom: abdomen bluish green, adorned with a broad coppery green band along the hind border of each segment: legs tawny, beset with black hairs and bristles; hips green; thighs covered with white bloom; tips of shanks and feet pitchy: wings gray: wing-ribs tawny; veins black; fourth longitudinal vein slightly angular;

poisers pale tawny. Length of the body $2\frac{1}{4}$ lines; of the wings $4\frac{1}{2}$ lines.

a. West Africa. From Mr. Turner's collection.

Dolichopus sequax, n. s. *Cyaneo-viridis, thorace æneo-viridi, abdominis apice æneo, antennis fulvis, articulo 3º nigro subtus fulvo, pedibus fulvis, tarsis nigris anticis piceis, alis limpidis.*

Body bluish green: head covered in front with golden down: eyes red: mouth pitchy: feelers tawny; third joint black, tawny beneath towards the base; bristle black: chest with a slight brassy tinge: breast covered with a hoary bloom: abdomen bluish green; tip bronzed; appendages tawny; scales white, with dark borders; underside slightly covered with hoary bloom: legs tawny; feet black; four hind hips mostly green, covered with white down; middle shanks with a slight tuft of black hairs at the base; fore feet pitchy, tawny at the base: wings colourless; wing-ribs and poisers tawny; veins black. Length of the body $1\frac{3}{4}$ line; of the wings 3 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Dolichopus soccatus, *Barnston's MSS.* *Æneus, capite viridi, abdomine cupreo basi viridi, antennis fulvis, articulo 3º nigro subtus fulvo, pedibus fulvis, tarsis nigris, alis subcinereis.*

Head green, covered in front with hoary down, fringed along the eyes with whitish hairs: eyes red: mouth tawny: feelers tawny; third joint black, very short, tawny beneath till near the tip; bristle black: chest brassy; sides and breast covered with hoary bloom: abdomen coppery, green at the base: legs tawny: feet black: wings slightly gray; wing-ribs tawny; veins black; poisers yellow. Length of the body $1\frac{3}{4}$ line; of the wings $3\frac{1}{2}$ lines.

Var. β. Body brassy, tinged with green.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by G. Barnston, Esq.

Dolichopus remotus, n. s. *Æneo-viridis, capite thoracisque lateribus cyaneo-viridibus, abdomine basi viridi, antennis nigris, pedibus fulvis, tibiis posticis apice tarsisque posticis nigris, alis limpidis.*

Head bluish green, clothed in front with white down, fringed on each side with white hairs: eyes red: feelers black: chest brassy green, bluish green on each side; breast covered with hoary

bloom: abdomen brassy, green at the base, tinged with green on each side, covered with white bloom beneath; tip black; appendages tawny; scales white, bordered with black: legs tawny; tips of feet pitchy; hind feet and tips of hind shanks black: wings colourless; wing-ribs and poisers pale tawny; veins black. Length of the body 1½ line; of the wings 3 lines.

a. North America. Presented by the Entomological Club.

DOLICHOPUS irrasus, n. s., fem. *Cyaneus, abdomine æneo, antennis nigris, pedibus fulvis, tarsis piceis, alis cinereis fusco subvittatis.*

Body deep blue, beset with black hairs and bristles: head covered in front with a silvery bloom: eyes red: mouth and feelers black: chest covered with ferruginous bloom; sides and chest covered with white bloom: abdomen dark bronze, slightly covered with white bloom, not longer than the chest: legs tawny, clothed with black hairs and bristles; feet pitchy: wings gray, brownish along the borders of the veins; wing-ribs and veins black; fourth longitudinal vein slightly bent; poisers dark tawny. Length of the body 1 line; of the wings 2 lines.

a. Florida. Presented by E. Doubleday, Esq.

ORTOCHILE, *Latreille.*

ORTOCHILE derempta, n. s. *Viridis, thoracis disco cupreo, abdomine purpureo, basi apiceque cyaneo-viridi, lateribus aureo-viridibus, antennis nigris, pedibus fulvis, femoribus viridibus, alis subcinereis.*

Body green: head and chest beset with black bristles: eyes and mouth black: feelers black; third joint very short, round; bristle proceeding from its tip: disk of the chest copper-coloured: abdomen purple, clothed with black hairs, bluish green at the base and at the tip, golden green along each side: legs tawny, clothed with short black hairs; hips and thighs green: wings slightly gray; wing-ribs and poisers tawny; veins pitchy. Length of the body 1¼ line; of the wings 3 lines.

a. North America. Presented by the Entomological Club.

Fam. XVIII. Oxypteræ.

Lonchoptera, *Meigen.*

Lonchoptera tristis, *Meig. Dipt.* iv. 110, 10, *pl.* 36, *f.* 11. *Macq. Hist. Nat. Dipt.* ii. 15, 8.
a. England. Presented by F. Walker, Esq.

Lonchoptera lutea, *Panz. Faun. Germ.* 108, *f.* 20, 21. *Meig. Dipt.* iv. 107, 1. *Macq. Hist. Nat. Dipt.* ii. 14, 1. *Zett. Ins. Lapp.* 792, 1. Dipsa furcata, *Fall. Phytomyz.* 1, 1.
a. England.

Lonchoptera flavicauda, *Meig. Dipt.* iv. 107, 2. *Macq. Hist. Nat. Dipt.* ii. 14, 2.
a. England. Presented by F. Walker, Esq.

Lonchoptera lacustris, *Meig. Dipt.* iv. 107, 3. *Macq. Hist. Nat. Dipt.* ii. 15, 3.
a. ——— ?

Lonchoptera riparia, *Meig. Dipt.* iv. 108, 4. *Macq. Hist. Nat. Dipt.* ii. 15, 4, *pl.* 13, *f.* 10, 11.
a. England. Presented by F. Walker, Esq.

Lonchoptera palustris, *Meig. Dipt.* iv. 109, 8.
a. England. Presented by F. Walker, Esq.

Lonchoptera rivalis, *Meig. Dipt.* iv. 108, 5. *Macq. Hist. Nat. Dipt.* ii. 15, 5.
a. England. Presented by F. Walker, Esq.

Lonchoptera punctum, *Meig. Dipt.* iv. 110, 9.
a. England. Presented by F. Walker, Esq.

Note.—Lonchoptera flavicauda = L. riparia = L. rivalis ?
L. lacustris = L. palustris ?
L. nigrimana = L. thoracica ? *Walk. Ent. Mag.* iv. 230.

Fam. XIX. Scenopinii.

Scenopinus, *Latreille.*

Scenopinus fenestralis, *Fabr. Syst. Antl.* 535, 1. *Latr. Gen. Crust.* iv. 349. *Cons. Gén.* 444. *Fall. Scenop.* 5, 1. *Meig. Dipt.* iv.

113, 1. *Macq. Hist. Nat. Dipt.* ii. 6, 1, *pl.* 13, *f.* 1—3. *Zett. Ins. Lapp.* 618, 1. Musca fenestralis, *Linn. Syst. Nat.* ii. 981. *Faun. Suec.* 1845. *Gmel. Ed. Syst. Nat.* v. 2844, 14. *Schell. Gen. Mouch. pl.* 13, *f.* 1, 2. *Turt.* iii. 608. Nemotelus fenestralis, *Deg. Ins.* vi. 77, 11. Atrichia spoliata, *Schrank, Faun. Boic.* iii. 2404. Musca, &c., *Geoff. Ins.* ii. 532, 73.
a. England.
b. France.

Scenopinus senilis, *Fabr. Syst. Antl.* 336, 3. *Meig. Dipt.* iv. 115, 7. *Macq. Hist. Nat. Dipt.* ii. 7, 4.
a. France.

Scenopinus niger, *Meig. Dipt.* iii. 116, 9. *Macq. Hist. Nat. Dipt.* ii. 8, 7. *Zett. Ins. Lapp.* 619, 2. Nemotelus niger, *Deg. Ins.* vi. 76, 10, *pl.* 9, *f.* 5. N. tarsatus, *Panz. Faun. Germ.* 98, 20. Scenopinus rugosus, *Fabr. Syst. Antl.* 336, 2, fem. *Meig. Dipt.* iv. 107, 10. *Macq. Hist. Nat. Dipt.* ii. 7, 6. S. ater, *Fall. Dipt. Suec. Scen.* 5, 2.
a. England.
b. France.

Fam. XX. Conopsariæ.

Conops, *Linneus.*

Conops flavipes, *Linn. Syst. Nat.* ii. 1005. *Faun. Suec.* 1904. *Gmel. Ed. Syst. Nat.* v. 2894, 7. *Fabr. Sp. Ins.* ii. 467, 5. *Ent. Syst.* iv. 393, 8. *Syst. Antl.* 177, 10. *Schæff. Icon. pl.* 104, *f.* 2. *Stew. El.* ii. 271. *Panz. Faun. Germ.* 70, 21, 22. *Latr. Gen. Crust.* iv. 336. *Fall. Conops.* 8, 4. *Meig. Klass. Zweif. Ins.* i. 277, 5. *Dipt.* iv. 122, 3. *Lam. Anim. sans Verteb.* iii. 398, 2. *Macq. Hist. Nat. Dipt.* ii. 24, 3, *pl.* 13, *f.* 12. C. trifasciata, *Deg. Ins.* vi. 104, 2. *Herbst, Gem. Nat.* viii. 116, 4, *pl.* 70, *f.* 4. C. melanocephala, *Meig. Klass. Zweif.* i. 278, 6. C. macrocephala, *Sam. Ent. Comp.* 72, *pl.* 9, *f.* 8. C. vesicularis, *Harr. Ex.* 70, *pl.* 20, *f.* 1.
a. England.
b. France.
c. Ukraine. Presented by Dr. Dowler.

Conops quadrifasciata, *Deg. Ins.* vi. 104, 1, *pl.* 15, *f.* 1. *Fall. Conops.* 9, 5. *Meig. Dipt.* iv. 123, 4. *Macq. Hist. Nat. Dipt.* ii. 25, 5. C. aculata, *Fabr. Sp. Ins.* ii. 466, 2. *Ent. Syst.* iv. 391, 2. *Syst. Antl.* 174, 2. *Latr. Gen. Crust.* iv. 366. *Cons. Gén.* 443. *Schrank, Faun. Boic.* iii. 2562. *Meig. Klass. Zweif.* i. 276, 4. *Lam. Anim. sans Verteb.* iii. 397, 1.
a. ——— ?

Conops aculeata, *Linn. Faun. Suec.* 1906. *Gmel. Ed. Syst. Nat.* v. 2893, 1. *Latr. Gen. Crust.* iv. 336. *Meig. Dipt.* iv. 124, 5. *Macq. Hist. Nat. Dipt.* ii. 25, 6. C. scutellata, *Meig. Klass. Zweif.* i. 276, 5.
a. England.
b. France.
c. ——— ?
d. ——— ? From Mr. Children's collection.

Conops macrocephala, *Linn. Faun. Suec.* 1902. *Gmel. Ed. Syst. Nat.* v. 2893, 5. *Fabr. Sp. Ins.* ii. 4664. *Ent. Syst.* iv. 393, 7. *Syst. Antl.* 176, 9. *Deg. Ins.* vi. 105, 3. *Fall. Conops.* 7, 2. *Coq. Icon.* 120, *pl.* 27, *f.* 5. *Meig. Dipt.* iv. 125, 8. *Macq. Hist. Nat. Dipt.* ii. 24, 2.
a. France.

Conops rufipes, *Fabr. Sp. Ins.* 466, 3. *Ent. Syst.* iv. 392, 5. *Syst. Antl.* 176, 7. *Gmel. Ed. Syst. Nat.* v. 2893, 1. *Latr. Hist. Nat. Crust.* xiv. 347. *Gen. Crust.* iv. 336. *Fall. Conops.* 7, 1. *Meig. Dipt.* iv. 127, 6, 9. *Lam. Anim. sans Verteb.* iii. 398, 3. *Macq. Hist. Nat. Dipt.* ii. 25, 7. Asilus, &c., *Geoff. Ins.* vi. 473, 14. Conops petiolata, *Don. Brit. Ins.* xiii. 39, *pl.* 451.
a. England.
b. France.
c. South of France. Presented by F. Walker, Esq.

Conops vittata, *Fabr. Ent. Syst.* iv. 392, 4. *Syst. Antl.* 176, 7. *Schell. Gen. Mouch. pl.* 19, *f.* 1. *Latr. Gen. Crust.* iv. 336. *Meig. Klass. Zweif.* i. 278, 7, *pl.* 14, *f.* 4. *Dipt.* iv. 129, 12. *Macq. Hist. Nat. Dipt.* ii. 27, 13.
a. England.

Conops pusilla, *Meig. Dipt.* iv. 131, 14. *Macq. Hist. Nat. Dipt.* ii. 28, 17.
a. ——— ?

CONOPS annulipes, *Megerle*, *Meig. Dipt.* iv. 135, 20.
a. France. Presented by F. Walker, Esq.
b. France.
c. ——— ?

CONOPS excisa, *Wied. Auss. Zweif.* ii. 234, 1.
a. ——— ? Presented by the Entomological Club.
b. ——— ?

CONOPS sagittaria, *Say*, *Journ. Acad. Philad.* iii. 83, 2. C. nigricornis, *Wied. Auss. Zweif.* ii. 236, 4.
a. Nova Scotia. From Lieut. Redman's collection.

CONOPS æthiops, n. s. *Nigra, fronte fulvo, abdomine fasciis cinereo-pubescentibus ornato, segmentorum marginibus posticis ferrugineis, antennis nigris, articulo 3º piceo, pedibus fulvis, femoribus tibiis apice tarsisque posticis piceis, alis fuscis basi albido vittatis apice cinereo bimaculatis, marginibus posticis limpidis.*

Body black: head tawny in front: eyes red: mouth black: feelers black; second joint pubescent, nearly thrice the length of the first joint; third joint pitchy, spindle-shaped, about half the length of the second joint; fourth and following joints very short: abdomen very slender and slightly tapering for near half the length from the base, elliptical, broad and very convex from thence to the tip; hind borders of the segments ferruginous, adorned with bands of gray down: legs tawny; hips black, covered with white silky down; thighs pitchy; shanks slightly pitchy towards the tips; tips of the feet and nearly the whole of the hind feet pitchy; claws black; foot-cushions tawny: wings dark brown on the whole length and on more than half the breadth from the fore border, with the exception of a whitish streak at the base and of two gray spots near the tip; hind borders colourless; the brown hue forms an angle, which extends beyond the lower cross-vein nearly to the hind border; wing-ribs pitchy; veins black; poisers tawny, pitchy at the base. Length of the body 5—5½ lines; of the wings 8—9 lines.

a. North America. Presented by the Entomological Club.

CONOPS cruda, n. s. *Picea, capite flavo, abdominis fascia una ferruginea nonnullisque cano-pubescentibus, antennis piceis articulo 1º subtus fulvo, pedibus ferrugineis femoribus piceis, alis limpidis ad costam fuscis fulvoque vittatis.*

Body pitchy, slightly covered with hoary down: head yellow, pitchy behind and on the crown: eyes dark red: mouth pitchy: feelers pitchy; first joint tawny beneath; second joint pubescent,

full twice the length of the first; third joint tapering from near the base to the tip, a little shorter than the second; fourth and fifth joints very short; sixth joint tapering from the base to the tip, about twice the length of the fourth and of the fifth joints: abdomen slender and linear for about one-third of its length from the first segment, which is broader, spindle-shaped thence to the tip, adorned with a ferruginous band at the tip of its stalk, and with a band of hoary down on the hind border of each segment: legs ferruginous; hips, thighs, and tips of the feet pitchy: claws tawny, with black tips; foot-cushions pale yellow: wings colourless, brown, with a tawny streak along the fore borders; wing-ribs and veins pitchy; poisers tawny. Length of the body 6 lines; of the wings 9 lines.

a. ——— ?

Conops flavifrons, n. s. *Nigra, fronte flavo, antennis nigris articulo 1º apice ferrugineo, pedibus nigris, femoribus rufo fasciatis, tibiis tarsisque piceis, femoribus posticis basi fulvis, alis nigro-fuscis margine postico subfuscis.*

Body black: front of the head yellow: eyes black, bordered with red; facets on the fore part of the crown larger than those elsewhere: mouth black, with a ferruginous band: feelers black; first joint ferruginous at the tip; second joint pubescent, more than twice the length of the first; third and following joints short, and forming a club, which is pitchy, ferruginous at the base, and not half the length of the second joint: chest clothed with very short black hairs, very slightly covered with gray bloom: abdomen clothed like the chest and more than twice its length, linear for full one-third of its length, spindle-shaped from thence to the tip: legs black; hips and trochanters pitchy, covered with white silky down; an indistinct dark red band on each thigh; hind thighs tawny at the base; shanks and feet pitchy: wings very dark brown or almost black along the fore border on the whole length and for half the breadth, somewhat paler at the tips; hind borders slightly clouded with brown, which is darkest along the sides of the veins; wing-ribs and veins black; poisers tawny, with black tips. Length of the body 9 lines; of the wings 14 lines.

a. Para. Presented by J. P. George Smith, Esq.

Conops inhabilis, n. s. *Nigra, fronte fulvo, humeris fulvo maculatis, abdominis segmentorum marginibus posticis canis, antennis ferrugineis, articulo 1º subtus fulvo, pedibus fulvis, femoribus supra piceis, alis limpidis ad costam fuscis.*

Body black: head with a ferruginous mark on the crown, bright tawny in front: eyes pitchy, dark red on the sides of the

crown: mouth pitchy: feelers ferruginous; first joint tawny beneath; second joint much more than twice the length of the first; third joint conical, broad at the base, a little longer than the first; fourth and following joints very short: chest and breast partly covered with pale yellow down; a tawny spot on each shoulder: abdomen linear, but not very slender for about one-third of the length from the first segment, which is broader, spindle-shaped thence to the tip; hind borders of the segments hoary; a slight ferruginous mark on each side of the tip of the second segment; hind borders of the segments hoary: legs tawny: hips pitchy; thighs somewhat pitchy on the upper side; tips of the claws black: wings colourless, dark brown especially on the sides of the veins along the fore borders for nearly half the breadth; wing-ribs tawny; veins black, pitchy towards the base; poisers tawny, pitchy at the base. Length of the body $4\frac{1}{2}$ lines; of the wings $6\frac{1}{2}$ lines.

a. ——— ?

CONOPS maura, n. s. *Nigra, capite fulvo, thoracis humeris fulvo maculatis, scutello ferrugineo, abdomine fulvo quadrifasciato, antennis piceis, articulo 2º basi ferrugineo, pedibus piceis, femoribus basi ferrugineis, tibiis fulvis apice piceis, tarsis anterioribus fulvis, alis fulvo-fuscis, margine postico limpidis.*

Body black: head bright tawny, ferruginous on the crown, in front of which there is a black band and a black stripe, the latter reaches the base of the feelers: eyes pitchy, red above and along the inner border: mouth pitchy: feelers pitchy; second joint pubescent, more than twice the length of the first joint, ferruginous at the base; third joint shorter than the first, widened near the base, tapering thence to the tip: a tawny spot and a smaller spot of yellowish white down on each shoulder; scutcheon ferruginous: abdomen linear, and rather slender for near one-third of its length from the base, spindle-shaped thence to the tip, adorned with four dull tawny bands of down: legs pitchy; thighs ferruginous at the base: shanks tawny, with pitchy tips; four front feet tawny; claws black: wings tawny brown, especially along the borders of the veins for the whole length, and for more than half the breadth from the fore border, elsewhere colourless; the brown hue forms an angle, which extends over the lower cross-vein; wing-ribs ferruginous; veins pitchy; poisers tawny, pitchy at the base. Length of the body 6 lines; of the wings 10 lines.

a. ——— ?

CONOPS excerpta, n. s. *Nigra, fronte fulvo, thorace maculis abdomineque fasciis albo-pubescentibus ornatis, antennis nigris, pedibus piceis, tibiis basi fulvis, alis fuscis margine postico cinereis.*

Body black: head and chest partly covered with white silky down: head rugulose: front tawny, red on each side of the crown: mouth pitchy: feelers black; second joint pubescent, much longer than the first; third joint a little longer than the first; fourth and following joints very short: chest adorned on each side of the front with a patch of white down: abdomen slightly sessile, linear for more than one-fourth of its length from the base, spindle-shaped thence to the tip, adorned with three or four bands of white down, about twice the length of the chest: legs pitchy, clothed with very short black hairs; shanks covered with white silky down, tawny at the base; foot-cushions yellow: wings brown along the fore borders, especially by the borders of the veins for the whole length and for more than half the breadth, elsewhere gray; wing-ribs and veins pitchy; poisers pale yellow, pitchy at the base. Length of the body 6 lines; of the wings 11 lines.

a. ——— ?

CONOPS Bulbimus, n. s., fem.? *Atra, capite luteo flavoque quadrivittato, thorace luteo trimaculato, abdominis fasciis duabus apiceque luteis, antennis nigris, pedibus luteis, femoribus basi nigris, alis limpidis ad costam fuscis.*

Body deep black, velvety, thickly clothed with short black hairs: head adorned with two orange stripes above, and with two yellow stripes in front, and with a patch of golden hairs on each side of the front: mouth black: eyes dark red: feelers black, pubescent; first and second joints slightly club-shaped; second joint more than twice the length of the first; third joint broader than the first and the second at the base, tapering thence to the tip, hardly more than half the length of the second; fourth joint very short; fifth joint twice the length of the fourth; sixth joint still longer, tapering from the base to the tip: chest adorned with three large orange spots, one on each shoulder, and one behind the scutcheon: abdomen sessile, very slightly increasing in breadth from the base to the tip, rather less than twice the length of the chest, adorned with two broad orange bands, one near the base, the other near the tip, which is also orange: legs orange; fore thighs black at the base; four hinder thighs more slightly marked with black, which sometimes disappears on the hinder pair; foot-cushions pale yellow: tips of claws black: wings brown on half the breadth

from the fore border; wing-ribs and poisers pitchy; veins black. Length of the body 5—5½ lines; of the wings 9—10 lines.

a. New Holland. From Mr. Lambert's collection.

Conops aptata, n. s. *Atra, capite fulvo bivittato, luteo fulvoque quadrimaculato, thoracis margine flavo-cano pubescente, lateribus flavo-univittatis, abdomine luteo bifasciato vittisque duabus flavo-canis ornato, antennis nigris, pedibus nigris, alis cinereis, ad costam fuscis.*

Structure like that of *C. Bulbimus:* body black, velvety, thickly clothed with short black hairs: a bright orange spot on each side of the crown of the head blends with a broad tawny stripe on each side of the mouth, and there is also a tawny spot on each side beneath: eyes dark red: mouth and feelers black: an indistinct line of yellowish hoary down extends round the disk of the chest, which has also an oblique stripe of the same on each side: abdomen adorned with two orange bands, the one near the base becomes yellow on each side, the other near the tip is broader; there is an oblique yellowish hoary stripe on each side between them: legs black; thighs and shanks covered with yellowish hoary down; foot-cushions tawny: wings gray, brown along the fore borders; wing-ribs and veins black; poisers yellow, pitchy at the base. Length of the body 4½—5½ lines; of the wings 8—10 lines.

a. West Australia. From Mr. Clifton's collection.

Conops æquata, n. s. *Atra, capite flavo bivittato, thorace flavo quadrimaculato, abdomine flavo bifasciato vittisque duabus lateralibus ornato, antennis nigris, pedibus piceis, tibiis flavis, alis limpidis, ad costam fuscis cinereoque vittatis.*

Structure like that of *C. Bulbimus:* body black, velvety, thickly clothed with short black hairs: head adorned along each side of the mouth with a yellow stripe, between which and the eye there is a stripe of hoary down: eyes red: mouth and feelers black: chest adorned with four large yellow spots, one on each shoulder, and one on each side of the scutcheon: abdomen adorned with two yellow bands, the one near the base longer than the other which is near the tip and does not embrace the sides; there is a short oblique yellow stripe on each side between them: legs pitchy; shanks yellow, pitchy towards the tips; claws black; foot-cushions tawny: wings colourless, dark brown along half the breadth from the fore border, which has a narrow gray stripe along half its length from the base; wing-ribs and veins black; poisers yellow. Length of the body 4 lines; of the wings 7 lines.

a. West Australia. From Mr. Clifton's collection.

Conops inglorior, n. s. *Atra, capite flavo bivittato, abdomine luteo bifasciato, antennis nigris, pedibus rufis, femoribus nigris, alis limpidis ad costam fuscis.*

Structure like that of the preceding species: body black, velvety, thickly clothed with short black hairs: a yellow stripe diverges from the base of the feelers along each side of the mouth: eyes dark red: mouth and feelers black: two broad orange bands on the abdomen, one near the base, the other near the tip: legs red; thighs black, with red tips; feet pitchy towards the tips; foot-cushions yellow; tips of claws black: wings brown on half the breadth from the fore border; wing-ribs pitchy: veins black; poisers yellow, pitchy at the base. Length of the body 5 lines; of the wings 9 lines.

a. New Holland. From the Rev. J. Wenham's collection.

Zodion, *Fabricius.*

Zodion cinereum, *Meig. Dipt.* iv. 138, 1, *pl.* 37, *f.* 6, 7. *Desv. Essai. Myod.* 251, 1. *Macq. Hist. Nat. Dipt.* ii. 39, 1, *pl.* 13, *f.* 16. Myopa cinerea, *Fabr. Ent. Syst.* iv. 399, 9. *Syst. Antl.* 181, 12. *Fall. Conops.* 12, 7. M. tibialis, *Fabr. Syst. Antl.* 182, 16. Zodion conopsoides,. *Latr. Gen. Crust.* iv. 337, *pl.* 15, *f.* 8. *Lam. Anim. sans Verteb.* iii. 396, 1.

a. England.
b. France.

Zodion notatum, *Meig. Dipt.* iv. 139, 2. *Desv. Essai. Myod.* 251, 2. *Macq. Hist. Nat. Dipt.* ii. 40, 2. M. irrorata, *Fabr. Syst. Antl.* 180, 7. M. tessellata, *Fabr. Syst. Antl.* 181, 11. M. notata, *Meig. Klass. Zweif.* 288.

a. France.

Zodion Occidensis, n. s., mas. *Fusco-cinereum, capite ferrugineo, abdominis segmentorum marginibus posticis pallidioribus, antennis ferrugineis, pedibus piceis, femoribus basi genubusque fulvis, alis subcinereis basi albidis.*

Body brownish gray, thinly clothed with short tawny hairs: head ferruginous, pitchy on the crown and behind, yellow about the mouth, thinly clothed with short hairs: eyes pitchy: sucker black: feelers ferruginous; first joint slender; second joint increasing in breadth from the base to the tip, much longer than the first; third joint linear, rounded at the tip, a little shorter than the second; bristle much shorter than the third joint: hind borders of the abdominal segments paler: legs pitchy, clothed with short black hairs; thighs towards the base, knees, foot-cushions and claws tawny; tips

of the claws black; wings slightly gray, whitish at the base; wing-ribs tawny; veins pitchy, tawny at the base; poisers yellow. Length of the body $1\frac{3}{4}$ lines; of the wings 3 lines.

a. Ohio. Presented by the Entomological Club.

MYOPA, *Latreille.*

Group I. *Meig. Dipt.* iv. 141, *A., pl.* 37, *f.* 16.

MYOPA picta, *Panz. Faun. Germ.* 54, 22. *Meig. Dipt.* iv. 141, 1. *Desv. Essai. Myod.* 242, 1. *Macq. Hist. Nat. Dipt.* ii. 31, 1.
a. England.
b. France.

MYOPA buccata, *Fabr. Sp. Ins.* ii. 469, 5. *Ent. Syst.* iv. 398, 5. *Syst. Antl.* 179, 5. *Fall. Conops.* 10, 1. *Meig. Dipt.* iv. 142, 2. *Desv. Essai. Myod.* 242, 2. *Macq. Hist. Nat. Dipt.* ii. 31, 2. *Zett. Ins. Lapp.* 619, 1. Conops buccata, *Linn. Syst. Nat.* ii. 1006, 11. *Faun. Suec.* 1905.
a. England.
b. France.

MYOPA testacea, *Fabr. Ent. Syst.* iv. 398, 4. *Syst. Antl.* 179, 4. *Latr. Gen. Crust.* iv. 337. *Fall. Conops.* ii. 3. *Meig. Dipt.* iv. 142, 3. *Desv. Essai. Myod.* 243, 3. *Macq. Hist. Nat. Dipt.* ii. 32, 3. *Zett. Ins. Lapp.* 649, 2. Conops testaceus, *Linn. Syst. Nat.* ii. 1006. C. buccata, *Gmel. Ed. Syst. Nat.* v. 2895. Myopa pictipennis, *Desv. Essai. Myod.* 243, 6.
a. England.
b. France.

MYOPA dorsalis, *Fabr. Ent. Syst.* iv. 397, 6. *Syst. Antl.* 178, 1. *Fall. Conops.* 10, 2. *Latr. Gen. Crust.* iv. 337. *Schell. Gen. Mouch. pl.* 20, *f.* 1, 2. *Meig. Klass. Zweif.* i. 290, *a.* *Desv. Essai. Myod.* 245, 11. *Macq. Hist. Nat. Dipt.* ii. 32, 5. M. testacea, *Fabr. Sp. Ins.* ii. 468, 2. M. ferruginea, *Panz. Faun. Germ.* 22, 24. M. grandis, *Meig. Klass. Zweif.* i. 284, 1. M. dembripennis? *Desv. Essai. Myod.* 243, 4. Conops testacea, *Gmel. Ed. Syst. Nat.* v. 2894, 11.
a. France.

MYOPA pellucida, *Desv. Essai. Myod.* 244, 7.
a. France.

Myopa ferruginea, *Fabr. Sp. Ins.* ii. 468, 1. *Ent. Syst.* iv. 397, 2. *Syst. Antl.* 178, 2. *Fall. Conops.* 12, 5. *Latr. Gen. Crust.* iv. 337. *Cons. Gén.* 444. *Macq. Hist. Nat. Dipt.* ii. 342, 6, *pl.* 13, *f.* 13. *Zett. Ins. Lapp.* 620, 3. Conops ferruginea, *Linn. Faun. Suec.* 1907. *Gmel. Ed. Syst. Nat.* v. 2894, 8. Asilus, &c., *Geoff. Ins.* ii. 473, 14.
a. France.

Myopa fasciata, *Meig. Klass. Zweif.* i. 286, 4. *Dipt.* iv. 144, 6. *Desv. Essai. Myod.* 244, 8. *Macq. Hist. Nat. Dipt.* ii. 33, 7. M. ephippium, *Fabr. Syst. Antl.* 180, 8.
a. France.

Myopa atra, *Fabr. Sp. Ins.* ii. 469, 3. *Ent. Syst.* iv. 397, 3. *Syst. Antl.* 179, 3. *Fall. Conops.* 12, 6. *Latr. Gen. Crust.* iv. 337. *Panz. Faun. Germ.* 12, 24. *Schell. Gen. Mouch. pl.* 20, *f.* 3. *Meig. Klass. Zweif.* i. 289, 12. *Dipt.* iv. 146, 9. *Desv. Essai. Myod.* 247, 18. *Macq. Hist. Nat. Dipt.* ii. 35, 15. M. annulata, *Fabr. Ent. Syst.* iv. 399, 10. *Syst. Antl.* 181, 13. M. femorata, *Fabr. Syst. Antl.* 181, 14. M. cinerascens, *Meig. Klass. Zweif.* i. 287, 6. M. maculata, *Meig. Klass. Zweif.* i. 287, 7. M. micans, *Meig. Klass. Zweif.* i. 288, 8.
a. England.
b. France.

Myopa bicolor, *Megerle*, *Meig. Dipt.* iv. 147. *Desv. Essai. Myod.* 247, 16. *Macq. Hist. Nat. Dipt.* i. 34, 13.
a. France.

Myopa pallipes, *Megerle*, *Meig. Dipt.* iv. 149, 15. *Desv. Essai. Myod.* 248, 19. *Macq. Hist. Nat. Dipt.* ii. 35, 14. M. atra, var.?
a. France.

Myopa fulvifrons. Zodion fulvifrons, *Say*, *Journ. Acad. Philad.* iii. 83, 1. *Wied. Auss. Zweif.* ii. 241, 1. Myopa rubifrons, *Desv. Essai. Myod.* 247, 17.
a. Georgia. From Mr. Abbot's collection.
b. North America. Presented by the Entomological Club.

Myopa americana. Zodion americana? *Wied. Auss. Zweif.* ii. 242, 3.
a. North America. Presented by the Entomological Club.

MYOPA vicaria, n. s. *Ferruginea, capite fulvo, thoracis disco piceo, abdomine maculis cano-pubescentibus ornato, antennis pedibusque ferrugineis, tarsis fulvis, alis fulvo cinereoque variis, venis transversis fusco nebulosis.*

Body ferruginous, clothed with black hairs: head tawny, clothed with black hairs, very large, pale yellow, and covered with whitish hairs about the mouth: eyes pitchy: mouth black: feelers ferruginous; first and second joints clothed with short black hairs; bristle pitchy towards the tip: disk of the chest pitchy: abdomen longer than the chest, adorned with patches of hoary down: legs ferruginous, slightly covered with white bloom, clothed with black hairs; feet tawny; claws black, tawny at the base; foot-cushions yellow: wings tawny along the borders of the veins; disks of the areolets slightly gray; wing-ribs and poisers pale tawny; veins tawny; cross-veins clouded with brown. Length of the body 3 lines; of the wings 5½ lines.

a. Nova Scotia. From Lieut. Redman's collection.

MYOPA apicalis, n. s. *Ferruginea, capite flavo, abdomine piceo, albo pubescente, lateribus ventreque ferrugineis, antennis ferrugineis, pedibus fulvis, femoribus tibiisque piceo fasciatis, alis subfulvis.*

Head yellow, pitchy and partly ferruginous above: eyes pitchy: mouth dark ferruginous: feelers ferruginous; second joint and bristle paler: chest and breast dark ferruginous: abdomen pitchy, dark ferruginous on each side and beneath, covered with hoary down on each side, especially towards the tip, where the down forms a short and slight streak on the back: legs tawny; hips ferruginous; a broad pitchy band across each thigh and shank; tips of claws black: wings slightly tawny, especially along the borders of the veins; wing-ribs and veins tawny; poisers yellow. Length of the body 4 lines; of the wings 8 lines.

a. North America. Presented by the Entomological Club.

MYOPA bistria, n. s., mas. *Fulvo-cinerea, capite flavo-albo, abdomine fulvo, basi ferrugineo, segmento 3° vittis duabus fuscis, apice nigro, antennis ferrugineis, pedibus fulvis, femoribus nigris, tibiis plerumque piceis, alis cinereis.*

Head yellowish white, pitchy about the eyelets, bright tawny from thence to the feelers: eyes pitchy: mouth black: feelers ferruginous: chest tawny-gray, beset with black bristles; breast somewhat paler: abdomen pale tawny, thinly clothed with short tawny hairs, longer than the chest; first segment ferruginous; two brown

stripes on the back of the third segment; tip black, clothed with hoary hairs: legs tawny; hips and thighs black; shanks mostly pitchy; tips of claws black: wings gray; wing-ribs tawny; veins black; scales white; poisers pale tawny. Length of the body 3 lines; of the wings $4\frac{1}{2}$ lines.

a. North America. Presented by the Entomological Club.

Group II. *Meig. pl.* 37, *f.* 17. Dalmannia, *Desvoidy.*

MYOPA punctata, *Fabr. Ent. Syst.* iv. 398, 6. *Syst. Antl.* 181, 9. *Latr. Gen. Crust.* iv. 338. *Meig. Dipt.* iv. 151, 18. M. virens, *Fall. Conops.* 13, 8. *Meig. Klass. Zweif.* i. 289, 11. Dalmannia punctata, *Desv. Essai. Myod.* 249, 3. Stachynia punctata, *Macq. Hist. Nat. Dipt.* ii. 37, 4.
a. Ukraine. Presented by Dr. Dowler.

STYLOGASTER, *Macquart.*

STYLOGASTER stylatus, *Macq. Hist. Nat. Dipt.* ii. 39, 1. Conops stylatus, *Fabr. Syst. Antl.* 177, 11. Myopa biannulata, *Say, Journ. Acad. Philad.* iii. 81, 3. M. stylata, *Wied. Auss. Zweif.* ii. 243, 2.
a. ——— ?

Fam. XIX. STOMOXYDÆ.

SIPHONA, *Meigen.*

SIPHONA ——— ? S. geniculata, *Meig. Dipt.* iv. 155, 1. *Desv. Essai. Myod.* 91, 1. *Macq. Hist. Nat. Dipt.* ii. 93, 1, *pl.* 14, *f.* 6. Musca urbanus? *Harr. Ex.* 153, *pl.* 45, *f.* 85.
a. England.
b. France.

SIPHONA geniculata, *Zett. Ins. Lapp.* 620, 1. S. tachinaria, *Meig. Dipt.* iv. 156, 3. *Macq. Hist. Nat. Dipt.* ii. 94, 3. Musca geniculata, *Deg. Ins.* vi. 20, 15, *pl.* 2, *f.* 19—23. Stomoxys minuta, *Fabr. Syst. Antl.* 282, 17, fem. S. cristata, *Fabr. Syst. Antl.* 281, 9, mas. S. geniculata, *Fall. Hæmat.* 5, 2. Bucentes cinereus, *Latr. Gen. Crust.* iv. 339. *Cons. Gén.* 444. *Lam. Anim. sans Verteb.* iii. 394, 1.
a. England.
b. France.

Stomoxys, *Geoffroy.*

Group I. *Meig. Dipt.* iv. 160, *B.* Prosena, *St. Farg. et Serv.*

Stomoxys siberita, *Fabr. Sp. Ins.* ii. 467, 3. *Ent. Syst.* iv. 394, 4. *Syst. Antl.* 280, 4. *Gmel. Ed. Syst. Nat.* v. 2891, 2. *Schell. Gen. Mouch. pl.* 17, *f.* 2. *Latr. Gen. Crust.* iv. 339. *Fall. Hæmat.* 5, 1. *Meig. Dipt.* iv. 160, 2, *pl.* 38, *f.* 1—4. *Curt. Brit. Ent.* 665. S. irritans, *Panz. Faun. Germ.* 5, 24. *Lam. Anim. sans Verteb.* iii. 395, 2. S. longipes, *Gmel. Ed. Syst. Nat.* v. 2892, mas. S. grisea, *Fabr. Syst. Antl.* 279, fem. Prosena siberita, *St. Farg. et Serv. Encyl. Meth.* x. 500. *Desv. Essai. Myod.* 317, 1. *Macq. Hist. Nat. Dipt.* ii. 208, 1, *pl.* 15, *f.* 14.
a. England.
b. France.

Group II. *Meig. Dipt.* iv. 160, *C.*

Stomoxys calcitrans, *Geoff. Ins.* ii. 539, 1, *pl.* 18, *f.* 2. *Schell, Gen. Mouch. pl.* 17, *f.* 1. *Schrank, Faun. Boic.* iii. 2563. *Fabr. Sp. Ins.* ii. 467, 4. *Ent. Syst.* iv. 394, 5. *Syst. Antl.* 280, 5. *Gmel. Ed. Syst. Nat.* v. 2891, 4. *Fall. Hæmat.* 6, 3. *Latr. Gen. Crust.* iv. 338. *Cons. Gén.* 444. *Meig. Dipt.* iv. 160, 3. *Macq. Hist. Nat. Dipt.* ii. 242, 1, *pl.* 16, *f.* 6. *Desv. Myod.* 386, 1. *Zett. Ins. Lapp.* 621, 1. *Guer. Icon. Regn. Anim. Ins. pl.* 101, *f.* 8. Conops calcitrans, *Linn. Faun. Suec.* 1900. *Schrank, Ins. Austr.* 990. Stomoxys tessellata, *Fabr. Ent. Syst.* iv. 395, 6. *Syst. Antl.* 281, 7. Musca pungens, *Deg. Ins.* vi. 39, 11, *pl.* 4, *f.* 12—18.
a. England.

Group III. Hæmatobia, *Desvoidy.*

Stomoxys stimulans, *Meig. Dipt.* iv. 161, 4, *pl.* 38, *f.* 8—10. *Zett. Ins. Lapp.* 621, 2. S. irritans, *Fabr. Sp. Ins.* ii. 468, 4. *Ent. Syst.* iv. 395, 7. *Syst. Antl.* 281, 10. *Gmel. Ed. Syst. Nat.* v. 2892, 5. *Latr. Gen. Crust.* iv. 338. *Fall. Hæmat.* 7, 4. Hæmatobia stimulans, *Macq. Hist. Nat. Dipt.* ii. 243, 1, *pl.* 16, *f.* 7.
a. England.

Stomoxys irritans, *Meig. Dipt.* iv. 162, 5. *Zett. Ins. Lapp.* 621, 3. Conops irritans, *Linn. Faun. Suec.* 1901. Stomoxys pungens, *Fabr. Ent. Syst.* iv. 395, 9. *Syst. Antl.* 282, 12. *Gmel. Ed.*

Syst. Nat. v. 2892, 6. *Fall. Hæmat.* 7, 5. Hæmatobia geniculata, *Desv. Myod.* 388, 2. H. irritans, *Macq. Hist. Nat. Dipt.* ii. 243, 3.

a. England.

Group IV. Glossina, *Wiedemann.*

Bristles of the feelers thick, beautifully adorned with feathered hairs springing from the base of the third joint, which is long and slightly curved, especially at the tip: an additional vein in the disk of the wing.

Stomoxys fuscus, n. s. *Fuscus, capite fulvo, thoracis lateribus margineque postico fulvidis, pectore cano, abdomine fulvo apice fusco, antennis pedibusque fulvis, alis fusco-fulvis.*

Body light brown, clothed with short black hairs: head and chest beset with some black bristles: head tawny: eyes pitchy; fore part flat, its facets much larger than those elsewhere: mouth pitchy, thickly clothed with short black hairs: feelers tawny: sides and hind part of the chest somewhat tawny: breast hoary: abdomen oval, tawny, brown towards the tip, paler beneath: legs tawny, clothed with short black hairs; tips of claws black; foot-cushions pale tawny: wings brownish tawny; wing-ribs tawny; veins brown; poisers yellow. Length of the body 5½ lines; of the wings 12 lines.

a. ——— ?

Stomoxys longipalpis? Glossina longipalpis? *Wied. Auss. Zweif.* ii. 254, *pl.* 9, *f.* 10. *Macq. Dipt. Exot.* ii. 3*me Ptie.* 113, 1, *pl.* 14, *f.* 1. Nemorhina palpalis? *Desv. Essai. Myod. Cinereus, capite flavo-fusco, thorace fusco vittato, abdomine cinereo-fusco, antennis piceis, pedibus fulvis, femoribus subcinereis, alis fuscis.*

Body clothed with short black hairs: head yellowish brown, clothed on the crown with short black hairs: eyes black; facets on the fore part larger than those elsewhere: mouth pitchy, thickly clothed with short black hairs; sucker tawny: feelers pitchy: chest dark gray, indistinctly striped with brown; breast paler: abdomen brown, with a slight gray tinge, sometimes with an indistinct paler stripe on the back: legs tawny, clothed with short black hairs; thighs slightly gray; claws black; foot-cushions pale tawny: wings brown; wing-ribs tawny; veins black; poisers yellow. Length of the body 3—3½ lines; of the wings 8—9 lines.

a. Congo.

Fam. XXII. Œstracides.

Cuterebra, *Clark*.

Cuterebra americana. Musca americana, *Fabr. Syst. Ent.* 774, 6. *Ent. Syst.* iv. 315, 14. *Syst. Antl.* 288, 21. Cuterebra Cauterium, *Clark*, *Essay*, *Bots.* 70, *pl.* 2, *f.* 3. Trypoderma americana, *Wied. Auss. Zweif.* ii. 258, 3.
a. North America. Presented by the Entomological Club.
d. Nova Scotia. From Lieut. Redman's collection.

Cuterebra horripilum, *B. Clark*, *Essay*, *Bots.* 70, *pl.* 2, *f.* 27. Trypoderma horripilum, *Wied. Auss. Zweif.* ii. 257, 2.
a. Nova Scotia. From Lieut. Redman's collection.
b. ——— ?

Cuterebra terrisona, n. s. *Nigra, subtus pilis nigris vestita, capite maculis albo-pubescentibus ornato, thorace utrinque fascia obliqua flavo-pubescente, antennis nigris, seta alba basi nigra, alis nigris.*

Body black, shining, clothed beneath with short black hairs: head slightly furrowed on the crown, adorned on each side with long triangular spots of whitish down, radiating from the inner side of the eyes: eyes pitchy: feelers black; bristle white, and feathered with white hairs, black towards the base: an oblique band of pale yellow hairs on each side of the chest, whose hind part is dark ferruginous: underside of the abdomen partly covered with yellowish white bloom: legs black, thickly clothed with short black hairs: wings, wing-ribs, veins, and poisers black. Length of the body 11 lines; of the wings 20 lines.

a. Guatimala. From M. Sallè's collection.

Œstrus, *Linneus*.

Œstrus ovis, *Linn. Syst. Nat.* ii. 970. *Faun. Suec.* 1734. *Gmel. Ed. Syst. Nat.* v. 2811, 5. *Fabr. Sp. Ins.* ii. 399, 6. *Ent. Syst.* iv. 232, 8. *Syst. Antl.* 230, 10. *Reaum. Ins.* iv. *Mem.* 12, *pl.* 35, *f.* 10—25. *Geoff. Ins.* ii. 456, 2, *pl.* 17, *f.* 1. *Herbst*, *Gem. Nat.* viii. 97, *pl.* 64, *f.* 3. *Fisch. Dit. Cont.* iii. *pl.* 2, *f.* 1—5. *Schrank*, *Faun. Boic.* iii. 2289. *Ins. Austr.* 843. *Berk. Syn.* i. 160. *Clark*, *Linn. Trans.* iii. 313, *pl.* 23, *f.* 14—17. *Essay*, *pl.* 2, *f.* 16, 20. *Stew*, *El.* ii. 249. *Turt.* iii. 582. *Don. Brit. Ins.* xvi. 19, 550. *Shaw*, *Gen. Zool.* vi.

364, *pl.* 102, *f. inf.* *Leach*, *Eprob. Ins.* 1. *Bingl. Zool.* iii. 309. *Latr. Gen. Crust.* iv. 341. *Fall. Hæmat.* 9, 1. *Meig. Dipt.* iv. 166, 1. Cephalemyia ovis, *Clark*, *Œstr. pl.* 11. *Macq. Hist. Nat. Dipt.* ii. 51, 1, *pl.* 13, *f.* 21. *Guer. Icon. Regn. Anim. Ins. pl.* 101, *f.* 4. Œstrus pectus, *Kellner*, *Ent. Zeit. Stettin*, viii. 366.

a. England.
b. France.
c. Georgia. From Mr. Abbot's collection.
d. Madras. Presented by Walter Elliot, Esq.

Œstrus Bovis, *Fabr. Ent. Syst.* iv. 231, 3. *Syst. Antl.* 228, 3 *Modeer*, *Act. Holm.* 1786. *Svensk. Zool.* 4. *Reaum. Ins.* iv. *Mem.* 12, *pl.* 37, 38. *Geoff. Ins.* ii. 456, 1. *Fisch. Dissert. Cont.* iii. *pl.* 2, *f.* 6—12, *pl.* 3, 4. *Deg. Ins.* vi. 119, 2, *pl.* 15, *f.* 22. *Schrank*, *Faun. Boic.* iii. 2288. *Latr. Gen. Crust.* iv. 342. *Stew*, *El.* ii. 21, 8. *Turt.* iii. 581. *Clark*, *Linn. Trans.* iii. 291, *pl.* 25, *f.* 1—6. *Essay*, *pl.* 2, *f.* 1—10. *Shaw*, *Gen. Zool.* vi. 358, *pl.* 102, *f. sup.* *Bingl. Zool.* iii. 304. *Leach*, *Eprobosc. Ins. Suppl.* 2. *Meig. Dipt.* iv. 167, 2. *Zett. Ins. Lapp.* 623, 3. O. hæmorrhoidalis, *Linn. Faun. Suec.* 1734. Hypoderma Bovis, *Clark*, *Œstr. pl.* 2, *f.* 1—10. *Macq. Hist. Nat. Dipt.* ii. 48, 1, *pl.* 18. *Dipt. Nord.* 197, 1, *pl.* 6, *f.* 3. *Guer. Icon. Regn. Anim. Ins. pl.* 101, *f.* 3.

a. England.
b. France.

Œstrus Tarandi, *Linn. Faun. Suec.* 1731. *Modeer. Act. Holm.* 1786. *Gmel. Ed. Syst. Nat.* v. 2810, 2. *Fabr. Sp. Ins.* ii. 398, 3. *Ent. Syst.* iv. 231, 5. *Syst. Antl.* 229, 5. *Fall. Hæmat.* 10, 3. *Meig. Dipt.* iv. 169, 3, *pl.* 38, *f.* 15. *Zett. St. Lapp.* 1821, 2, 39, 40. *Ins. Lapp.* 622, 2. *Laestad*, *Journ.* 1831, 447. Œdemagena Tarandi, *Clark*, *Œstr. pl.* 2, *f.* 13—14. *Macq. Hist. Nat. Dipt.* ii. 49, 1, *pl.* 13, *f.* 19. *Guer. Icon. Regn. Anim. Ins. pl.* 101, *f.* 3.

a. Lapland.
b. Lapland. Presented by the Entomological Club.
c. Lapland. Presented by F. Walker, Esq.
d. Lapland. Presented by F. Walker, Esq.

Œstrus Trompe, *Modeer. Act. Holm.* 1786. *Fabr. Ent. Syst.* iv. 231, 6. *Syst. Antl.* 229, 6. *Fall. Hæmat.* 10, 2. *Latr. Gen. Crust.* iv. 342. *Coq. Icon. pl.* 23, *f.* 1. *Panz. Faun. Germ.* 107, 20. *Fischer*, *Dissert. Cont.* ii. 78, 3. *Fall. Hæmat.* 10, 2. *Læstad. Journ.* 1831, 447. *Meig. Dipt.* iv. 17, *D.* 5, *pl.* 38, *f.*

13. *Zett. St. Lapp.* 1821, 2, 39. *Ins. Lapp.* 622, 1. *Kellner, Ent. Zeit. Stettin*, 1847, viii. 366. Cephenemyia Trompe, *Macq. Hist. Nat. Dipt.* ii. 50, 1, *pl.* 13, *f.* 20.
a. France.
b. ——— ? From Mr. Children's collection.

Œstrus phobifer, *B. Clark, Essay, Bots. pl.* 2, *f.* 30. *Wied. Auss. Zweif.* ii. 255, 1.
a. ——— ?

Œstrus Clarkii, *Shuckard, Linn. Trans.* xix. 93.
a. Cape. Presented by W. E. Shuckard, Esq.

Œstrus supplens, n. s., mas et fem. *Piceus, capite ad oculos fulvo, pilis flavis vestito, vertice pilis fulvis vestito, thorace abdominisque apice pilis fulvis hirtis, thorace postico abdominisque basi pilis flavo-albis hirtis, abdomine pilis nigris fasciato, antennis ferrugineis, pedibus piceis, tibiis ferrugineis, tarsis fulvis, alis subfuscis.*

Body pitchy: head tawny about the eyes, thickly clothed with pale yellow hairs, and on the crown with dark tawny hairs: eyes pitchy: feelers ferruginous; bristle pitchy, pale tawny at the base: chest clothed with tawny hairs; its hind part and the breast clothed with yellowish white hairs: abdomen adorned with three broad hairy bands; the first band at the base composed of yellowish white hairs, the second of black hairs, the third of bright tawny hairs: legs pitchy, clothed with black hairs; hips and thighs towards the base clothed with yellowish white hairs; knees and feet tawny; feet towards the tips and shanks ferruginous; claws ferruginous, with black tips: wings slightly tinged with brown; wing-ribs and veins pitchy; poisers tawny. Length of the body 5½—6 lines; of the wings 10—11 lines.

a. Nova Scotia. From Lieut. Redman's collection.
b. ——— ?

Gastrus, *Meigen.*

Gastrus Equi, *Meig. Dipt.* iv. 175, 1, *pl.* 38, *f.* 21, 22. Gasterophilus Equi, *Leach, Eprobosc. Ins.* 2. *Zett. Ins. Lapp.* 623, 1. Œstrus Bovis, *Linn. Syst. Nat.* ii. 969. *Faun. Suec.* 1730. *Fabr. Sp. Ins.* ii. 398, 2. *Herbst, Germ. Nat.* viii. 94, *pl.* 64, *f.* 1. *Geoff. Ins.* ii. 456, 3. *Schrank, Ins. Austr.* 842. *Berk. Syn.* i. 160. *Sam. Ent. Comp.* 70, *pl.* 9, *f.* 1. *Dalhb. Scand. Ins. Lund.* 1837. O. vituli, *Fabr. Ent. Syst.* iv. 231, 4.

Schell. Gen. Mouch. pl. 21. O. hæmorrhoidalis, *Gmel. Ed. Syst. Nat.* v. 2810, 4. *Schrank, Faun. Boic.* iii. 2286. O. intestinalis, *Deg. Ins.* vi. 117, 1, *pl.* 15, *f.* 13—19. O. Equi, *Fabr. Syst. Antl.* 228, 4. *Svensk. Zool.* 4. *Fischer, Dissert. Cont.* ii. *pl.* 2—4. *Clark, Œstr. pl.* 1, *f.* 13, 14. *Latr. Gen. Crust.* iv. 341. *Cons. Gén.* 444. *Clark, Linn. Trans.* iii. 298, *pl.* 23, *f.* 7—9. *Essay, pl.* 1, *f.* 1—16. *Stew, El.* ii. 248. *Turt.* iii. 581. *Shaw, Gen. Zool.* vi. 359, *pl.* 102, *f. med. Bingl. Zool.* iii. 306. *Wood, Linn. Gen. Ins.* ii. 81, 63. *Stark, El. Nat. Hist.* ii. 388. *Fall. Hæmat.* 13, 8. *Macq. Dipt. Nord.* 93, 1, *pl.* 6, *f.* 1. *Hist. Nat. Dipt.* ii. 52, 1, *pl.* 13, *f.* 23. *Guer. Icon Regn. Anim. Ins. pl.* 101, *f.* 6.

a. England.
b. France.
c. Switzerland.
d. Hungary.
e. North America. Presented by the Entomological Club.
f. Illinois.
g. Nova Scotia. From Lieut. Redman's collection.

GASTRUS Pecorum, *Meig. Dipt.* iv. 176, 2, *pl.* 38, *f.* 23. *Zett. Ins. Lapp.* 623, 2. Œstrus Pecorum, *Fabr. Ent. Syst.* iv. 230, 2. *Syst. Antl.* 228, 2. *Fall. Hæmat.* 12, 5. *Macq. Hist. Nat. Dipt.* ii. 53, 2.

a. Jamaica.

GASTRUS flavipes, *Encyl. Meth.* viii. 12. *Macq. Hist. Nat. Dipt.* ii. 54, 6.

a. ———?

GASTRUS salutaris, *Meig. Dipt.* iv. 176, 3. Œstrus salutaris, *Clark, Œstr. pl.* 1, *f.* 35, 36. *Macq. Hist. Nat. Dipt.* ii. 53, 3.

a. England.

GASTRUS nasalis, *Meig. Dipt.* iv. 178, 5. Œstrus nasalis, *Linn. Faun. Suec.* 1732. *Gmel. Ed. Syst. Nat.* v. 2810, 3. *Fabr. Sp. Ins.* ii. 399, 4. *Deg. Ins.* vi. *pl.* 15, *f.* 20, 21. *Panz. Faun. Germ.* 107, 21. *Schrank, Faun. Boic.* iii. 2287. *Macq. Hist. Nat. Dipt.* ii. 54, 5. O. Equi, *Fabr. Ent. Syst.* iv. 232, 7. O. veterinus, *Fabr. Syst. Antl.* 230, 8. *Fall. Hæmat.* 12, 6. *Clark, Œstr. pl.* 1, *f.* 26, 27. Gastrus Clarkii, *Meig. Dipt.* iv. 180, 8. Gasterophilus Clarkii, *Leach, Arrang. Œstr. Ins.* 2.

a. England.

GASTRUS Selysi Cartier, *Guerin, Mag. Zool.*
a. Liege. Presented by M. Selys de Longchamps.

GASTRUS hæmorrhoidalis, *Meig. Dipt.* iv. 177, 4. Œstrus hæmorrhoidalis, *Linn. Syst. Nat.* ii. 970, 4. *Faun. Suec.* 1733, *Fabr. Syst. Antl.* 229, 7. *Fall. Hæmat.* 13, 7. *Clark, Œstr. pl.* 1, *f.* 21, 22. *Macq. Hist. Nat. Dipt.* ii. 54, 5. O. Equi, var., *Fabr. Ent. Syst.* iv. 232, 7. *Sp. Ins.* ii. 399, 5. O. Bovis, *Gmel. Ed. Syst. Nat.* v. 2809, 1.
a. England.

GASTRUS subjacens, n. s., mas. et fem. *Ferrugineus, pilis aureis vestitus, abdomine pilis fuscis fasciato, basi albido piloso, antennis fulvis, pedibus ferrugineis, tarsis fulvis, alis albidis.*

Body ferruginous: head and chest thickly clothed with golden hairs; hairs on the crown of the head darker and thinner: eyes pitchy: feelers tawny: breast and base of the abdomen clothed with yellowish white hairs: a band of dark brown hairs across the middle of the abdomen, which from thence to the tip is clothed with golden hairs: legs ferruginous, clothed with tawny hairs; feet tawny; foot-cushions and claws pale yellow; tips of the claws black: wings whitish; wing-ribs pitchy; veins pale yellow; poisers yellow. Length of the body 5½—6 lines; of the wings 10 lines.

a. North America. Presented by the Entomological Club.
b. Nova Scotia. From Lieut. Redman's collection.

ADDENDUM.

CONOPS Bulbimus, *Walker, p.* 674 = Conops aurosa, *Newman, Entom.* 222.

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